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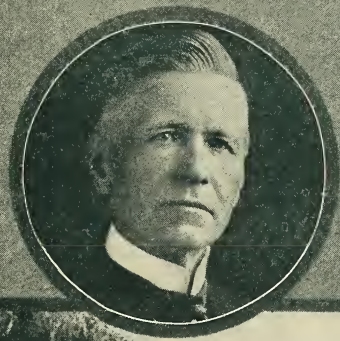
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U. S. Department of Agriculture

F. H. Ebeling ESTABLISHED 1868 Seeds

Everything
for the Farm
Garden
and Lawn



Poultry
and Bird
Supplies
Dog Foods



1868

Syracuse, N. Y.

1928

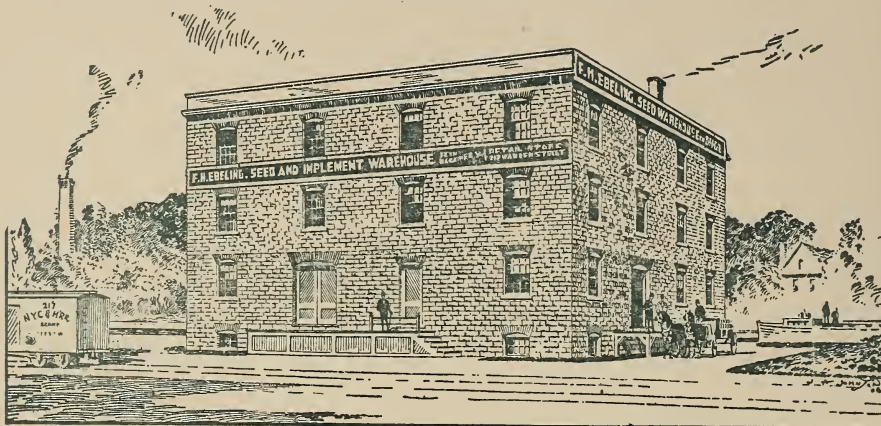
EBELING'S SEED BOOK FOR 1928

1868-1928—Sixtieth Annual Edition

It has always been our aim to supply only the best grade of seeds obtainable, and by a strict adherence to the principle of giving our customers the very best value for their money, has enabled us to largely increase our business from a very small beginning sixty years ago. This store still remains in the same building in which it started, and is one of the best equipped Seed, Hardware and Implement Stores in Central New York.

Our Pet Department is very attractive and interesting. We are organized and prepared to give you better service than ever in the sixty years of business.

Many of our customers have been on our mailing list for more than half a century, and we will spare no effort to care for every order given us in such a manner that will merit the continued confidence of the purchaser.



Branch Store and Warehouse, 538-540 Canal Street
Retail Store, 217 South Warren Street, opposite Post Office

TO OUR CUSTOMERS AND FRIENDS:

Our Warehouse is located on three streets, Canal Street on the North, Howard Street on the West and the *New Erie Boulevard* on the South. This affords free and safe parking for our customers, away from the confusion and congestion of down town traffic.

We offer special prices on Seeds, Tools, Machinery, &c., purchased at our Warehouse Branch Store for the season of 1928. You can trade there with comfort, safety and profit. Our Warehouse overhead is light and we give you the benefit of our reduced prices.

USEFUL TABLES

Of Plants per Acre at the following distances apart

1/4 ft. by 1 ft.	43,560	6 ft. by 6 ft.	1,210
1/2 ft. by 1 1/2 ft.	19,360	8 ft. by 8 ft.	680
1 ft. by 1 ft.	21,780	9 ft. by 9 ft.	537
2 ft. by 2 ft.	10,898	10 ft. by 10 ft.	435
2 1/2 ft. by 2 1/2 ft.	6,969	12 ft. by 12 ft.	302
1 ft. by 1 1/2 ft.	14,520	15 ft. by 15 ft.	193
2 ft. by 2 ft.	7,260	18 ft. by 18 ft.	134
3 ft. by 3 ft.	4,840	20 ft. by 20 ft.	103
4 ft. by 4 ft.	2,722	25 ft. by 25 ft.	70
5 ft. by 5 ft.	1,742	30 ft. by 30 ft.	48

Number of Plants Produced from 1 oz. of Seed

Plants	Plants
Asparagus.....about 500	Kale.....about 2,000
Broccoli....." 2,000	Leek....." 1,000
Cabbage....." 3,000	Lettuce....." 3,000
Cauliflower....." 4,000	Pepper....." 2,000
Celery....." 4,000	Sage....." 1,000
Egg Plant....." 1,000	Tomato....." 3,000
Endive....." 3,000	Thyme....." 5,000

SEED SOWN PER ACRE

Seed Sown per Acre	Weight per bu.
Alfalfa, or Lucerne 20 to 30 lbs.	60 lbs.
Barley, 1 1/2 to 2 bu.	48 lbs.
Beans, Field, 1/2 to 3/4 bu.	60 lbs.
Beans, Green Soy, 3/4 bu.	60 lbs.
Beet, 4 to 6 lbs.	60 lbs.
Blue Grass, 2 bu.	14 lbs.
Bromus Inermis, 20 lbs.	14 lbs.
Buckwheat, 1 to 1 1/2 bu.	48 to 50 lbs.
Cabbage, 1/4 lb.	60 lbs.
Carrot, 2 1/2 to 3 lbs.	20 lbs.
Clover, Alsike, 5 to 10 lbs.	60 lbs.
Clover, Crimson, 15 lbs.	60 lbs.
Clover, Red, 10 to 15 lbs.	60 lbs.
Clover, Sweet, 25 lbs. Melilotus Alba.	60 lbs.
Clover, White, 10-to-12 lbs.	60 lbs.
Corn, Ensilage, 1/4 to 1/2 bu.	56 lbs.
Corn, Field, 1/4 bu.	56 to 60 lbs.
Corn, Sweet, 1/4 bu.	about 45 lbs.
Cucumber, 1 lb.	25 to 30 lbs.
Lawn Seed, 1 lb. to 250 sq. ft.	22 lbs.
Meadow Fescue, 2 bu.	7 lbs.
Meadow Foxtail, 3 bu.	18 lbs.
Meadow Grass, Rough Stalk, 35 lbs.	56 lbs.
Flax Seed, 1/2 to 3/4 bu.	

Seed Sown per Acre	Weight per bu.
Millet, 1/2 to 3/4 bu.	50 lbs.
Millet, Hungarian, 1/2 to 3/4 bu.	48 lbs.
Millet, Japanese, 1/2 bu.	32 lbs.
Oats, 2 to 3 bu.	32 lbs.
Onion, 5 to 6 lbs.	56 lbs.
Orchard Grass, 2 bu.	14 lbs.
Peas, Field, 2 1/2 bu.	60 lbs.
Peas, Cow, 1/2 bu.	about 50 lbs.
Peas, Wrinkled.	about 50 lbs.
Potatoes, 6 to 8 bu.	60 lbs.
Pumpkin Seed, 4 qts.	27 lbs.
Rape, Dwarf Essex, 4 to 6 lbs.	60 lbs.
Red Top, Re-cleaned, 15 lbs.	30 lbs.
Rye, 1 to 2 bu., Winter and Spring.	56 lbs.
Sorghum, 1 1/2 to 2 bu.	56 lbs.
Spinach, 8 to 10 lbs. Squash, 2 1/2 lbs.	
Sweet Vernal, 1 to 1 1/2 bu.	11 lbs.
Timothy, 1/4 to 1/2 bu.	45 lbs.
Turnip, 1 lb.	60 lbs.
Vetch, Hairy, drilled (plus 1 bu. small grain) 25 lbs.	60 lbs.
Vetch, Hairy, broadcast (plus 1 bu. small grain) 75 lbs.	60 lbs.
Vetch, Spring (plus 1 bu. small grain) 25 lbs.	60 lbs.
Wheat, 2 bu. Winter and Spring.	60 lbs.

Non-Warranty

Sometimes, though not often, our seeds do not come up after planting. This may be due to one or more of several reasons, such as covering too deeply or not deeply enough, too much or too little water, too cold weather or a baking sun which forms a crust, too hard for the tender shoots to penetrate. Sometimes insects destroy plants at the surface, before they are seen by the gardener. We cannot personally direct the use of our goods after they leave our

hands; neither can we fully control anywhere or at any time the operation of natural law as it affects seeds; therefore, we give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds or bulbs we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.
F. H. EBELING

Ebeling's Evergreen Lawn Grass Seeds

Our special brands of Lawn Grass Seeds are noted for their adaptability to various situations and soil conditions, and are now used in every section of the country for making private lawns, and also on the grounds of many leading Country Clubs, Athletic Clubs, Schools, and Institutions, etc. These mixtures have long enjoyed an enviable reputation for their general excellence, and

it will always be our aim to maintain their high quality by the use of only the finest re-cleaned Grass Seeds, as free from all impurities as the most modern machinery can make them.

Quantity of Lawn Grass Seed to Sow. One pound is sufficient for 200 square feet; 150 pounds for an acre, or for renovating an old lawn use one-half these quantities.



Lawn of H. W. Chapin, 973 James Street, Grown from Our Seed

HOW TO MAKE A LAWN

Have soil thoroughly spaded up, enriched with sheep fertilizers or ground bone, level and roll it well to make compact. Select a still day for seeding; sow one-half of the seed from north to south and half from east to west, rake it over and roll again. When grass comes up re-seed the bare spots. Mow grass when 2 inches high, and as necessary thereafter. Don't rake up short clippings, as they make a good mulch. Always thoroughly soak a lawn whenever required, but never sprinkle lightly.

Quantities to Use

For 200 sq. ft.	1 lb.
For 1000 sq. ft.	15 lbs.
For 2000 sq. ft.	10 lbs.
For one acre	150 lbs.

For old lawns about half the above is sufficient.

EBELING'S EVERGREEN LAWN GRASS

This is by far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula, and is a careful blending of varieties adapted to producing the thick growth and velvety appearance so much sought after. Each variety of grass in its composition is there for a special purpose; some for making strong fibrous roots, which take hold upon the soil and keep the turf in place, others of a creeping nature quickly fill up any bare spots which may be caused by the taller sorts dying down; varieties which are useful for their color value, and also kinds that are able to withstand the beating down of excessive rains.

Whether you want to seed a small grass plot in your yard, or a lawn of more pretentious size you should use this grass mixture. For the convenience of customers, we put this seed up in various sized packages, from the single lb., which is sufficient to cover 100 square feet of ground, to such quantities as are required for seeding large lawns where six bushels of seed to the acre are required. **Per lb., 40c; 100 lbs., \$35.00.**

EBELING'S SHADY PLACE GRASS

It is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our regular Lawn Grass Mixture, it may be used on those portions of the lawn which are shaded by trees, buildings, etc. **1b. 50c; 10 lbs. \$4.50.**

GOLF LINKS MIXTURE

Made from our own formula with the object of producing a turf which will stand rough usage. For Tennis Courts, Cricket Tables, Golf Links, Polo Grounds, this seed will give perfect satisfaction. **Per lb., 40c; bushel (20 lbs.), \$7.00**

TERRACE GRASS

Ordinary lawn grass will not hold the soil on terraces and embankments, which require a thick turf, composed of varieties which make strong roots to take hold of the soil and prevent washing by heavy rains. Our Terrace Grass is a carefully selected combination of such grasses as will make a quick growth and form a strong mat and present a good appearance. It is best to enrich the soil, to give a vigorous start to their growth. **Per lb., 50c; bushel (20 lbs.), \$12.00**

PUTTING GREEN MIXTURE

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, uniform, low growing and most hardy kinds, which maintain their rich, green color throughout the season. We also recommend it for terraces, embankments, and steep slopes. **Per lb., 70c; bushel (25 lbs.), \$16.00**

WHITE DUTCH CLOVER SEED

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. **Lb., 50c; 5 lbs., \$2.25.**

For Lawns



Flowers



Vegetables



Field Crops

WIZARD
TRADE BRAND MARK
PULVERIZED

Sheep Manure

Makes Plants Grow to Perfection

One Bag Equals a Whole Wagon Load of Stable Manure

Everybody can get results with Wizard because it supplies the soil with the necessary plant food and humus to make it rich and fertile. All plants require food and a rich mellow soil to develop their real beauty. So if you want a beautiful lawn and garden be sure to enrich your soil with Wizard Sheep Manure.

Wizard is a concentrated, weedless sheep manure that puts new life into wornout soils. It is economical—**ONE BAG EQUALS A WHOLE WAGONLOAD OF STABLE MANURE.** It is far superior to chemical stimulants because it has a lasting beneficial effect on your soil.

Lawns. Make an application of Wizard early in Spring if you want a thick, velvety green turf of lasting beauty. On new lawns broadcast 10 lbs. to 100 sq. ft. and rake into the surface soil. To put new beauty into old lawns 6 to 10 lbs. per 100 sq. ft. will be sufficient.

Flower Gardens. Luxuriant green foliage and vivid colored flowers are the result of using Wizard. Broadcast 10 lbs. to 100 sq. ft. of garden soil. Mix a handful with the soil under each new plant—more for vines, shrubs and trees. Light applications during the growing season will prolong blooming.

Vegetables and Fruit. Every practical gardener knows that there is nothing better than manure to grow big profitable crops. Wizard produces big crops of crisp, tender vegetables. Fruit crops respond quickly and show improved yield, color and flavor. Use 1000 to 1500 lbs. per acre.



ASK FOR FREE BOOKLET

Prices—5 lbs. 25c; 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00

ONE BAG EQUALS A WAGON LOAD OF STABLE MANURE

ADCO. Free from foul odor, flies, weed-seeds, etc. The process is perfectly simple and not at all laborious.



The addition of Adco to the compost pile, or to other vegetable refuse, grass clippings, leaves, etc.; at the rate of two pounds to each wheelbarrow load of refuse, will produce a clean, odorless manure within three or four months. 25 lbs. \$2.00; 50 lbs. \$4.00; 100 lbs. \$7.00; 150 lbs. \$10.50.

ACID PHOSPHATE, 16 per cent. 1 lb. 5c; 25 lbs. \$1.00; 100 lbs. \$2.50.

AMMONIA SULPHATE. Analyzes about 25 per cent. ammonia with the result that stimulation in growth of plant life is noted practically at once. 5 lbs. 75c; 10 lbs. \$1.25; 50 lbs. \$3.50; 100 lbs. \$6.00; larger quantities, prices upon application.

ASHES, CANADIAN HARDWOOD. Very good in supplying potash, and also greatly benefits mechanical condition of the soil. A very fine lawn dressing. 25 lbs. \$1.25; 50 lbs. \$2.00; per bag of about 100 lbs. \$3.00; per ton \$40.00.

BLOOD, DRIED. A very quick acting fertilizer being immediately soluble. 5 lbs. 50c; 10 lbs. 90c; 25 lbs. \$2.00; 50 lbs. \$4.00; 100 lbs. \$7.00.

BONE AND BLOOD. Tankage 9%. For Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre.

Price, 25 lbs. \$1.70; 50 lbs. \$2.50; 100 lbs. \$3.70; 250 lbs. \$8.75; 500 lbs. \$15.25; 1000 lbs. \$29.00; 2000 lbs. \$56.00.

FARM FERTILIZERS

	Ammo	Avail Phos. Acid	Potash	Ton
Oats, Barley, Wheat, Corn.....	2	12	2	\$44.00
Corn and Grains.....	1	9	4	38.00
Onions, Celery, Potatoes.....	2	8	10	45.00
Potatoes and Vegetables.....	4	8	4	46.00
Potato Grower.....	2	8	5	42.00

A Liberal Discount to Cash Customers

OLD GARDNER COMPLETE FERTILIZER (with Lime)

FOR EVERYTHING THAT GROWS
Odorless—Clean—Easy to Use

Old Gardener is absolutely clean and odorless, and contains every element needed for healthy plant-growth—3% Ammonia; 10% phosphoric acid, 4% potash; also contains over 20% of soluble marl lime, making it doubly beneficial as a fertilizer and soil-corrective.

1-lb. can.....	.25	25-lb. bag.....	\$2.00
5-lb. bag.....	.55	50-lb. bag.....	3.50
10-lb. bag.....	1.00	100-lb. sack.....	5.50

On the basis of actual plant-food contained, Old Gardener is the cheapest complete fertilizer you can buy.

AGRICULTURAL GYPSUM. A high grade lime product for sweetening heavy and sour soils. Price, 5 lbs. 30c; 10 lbs. 50c; 100 lbs. \$2.25; 500 lbs. \$9.00.

GRANULATED PEAT. \$5.00 per bale., 220 lbs. per bale. Some firms offer 180-lb. bales. Note this when buying.

GROUND BONE. Excellent for grass plots, gardens, etc. 5 lbs. 25c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00.

HUMUS (ALPHANO PREPARED). An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with 1½ to 2 inches of Humus and spaded in. 5 lbs. 35c; 10 lbs. 60c; 25 lbs. 85c; 50 lbs. \$1.35; 100 lbs. \$2.25; 500 lbs. \$10.00; ½ ton \$15.00.

LIME (HYDRATED). For lawn and field use where the ground has become sour. 50 lbs. \$1.10; 100 lbs. \$2.00.

NITRATE OF SODA or CHILI SALTPETER. Nitrate of Soda is not a substitute for other Manures, but one of the cheapest and best forms in which to apply Nitrogen to plants. Do not let nitrate touch green growth or it will burn. Remove the lumps before using and break them up, which can be done by pounding.

For the Home Garden apply as a solution one ounce to two gallons of water. Price (subject to market changes), 5 lbs. 60c; 10 lbs. \$1.00; 25 lbs. \$2.10; 50 lbs. \$3.50; 100 lbs. \$5.85; 500 lbs. \$25.00.

PLANTPEP. Makes 'em Grow. For Potted Plants, Sweet Peas, Roses, Begonias, Ferns, Cut Flowers, Shrubs, Lawns, Berries, Garden—all plant life. Available Phosphoric Acid, 10%. 8 oz. 50c; small size 15c.

PLANT FOOD FOR HOUSE PLANTS. (ODORLESS). The best Plant Food on the market. May be used either dry or liquid. Especially fine for ferns. Price, 25c per pkg.

MURIATE OF POTASH. Imported Potash once again available, should be used liberally, especially for all root crops. Price, 25 lbs. \$1.75; 50 lbs. \$2.65; 100 lbs. \$4.10; 250 lbs. \$9.35; 500 lbs. \$17.50.

FERTILIZERS—Continued

PULVERIZED LIMESTONE. Especially fine for roses. Apply liberally and watch results. An excellent form in which to apply lime which is a neutralizer for soil acidity, also improves the texture of the soil and liberates nitrogen and other plant food, and stimulates bacterial action. Two tons or more per acre, or by hand in small gardens, a large handful to a square yard. Price, 100 lbs. \$1.00; 500 lbs. \$4.00; 1000 lbs. \$9.00; 2000 lbs. \$12.00.

SACCO PLANT FOOD. Potted plants, porch boxes, flower beds, lawns, garden shrubbery, and ferns. The action of Sacco Plant Food is very quick and a wonderful improvement in growth and appearance of plants will be noticeable in a short time.

1 lb. tins.	25 lbs.	\$1.75
5 lbs.	50 lbs.	3.00
10 lbs.	100 lbs.	5.00

SALT. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. to the acre in early spring. 25 lbs. 85c; 50 lbs. \$1.50; 100 lbs. \$2.00; 200

SCOTCH SOOT (Genuine Imported). Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut-worms. Price, 25 lbs. \$2.10; 50 lbs. \$3.60; 100 lbs. \$6.25; 500 lbs. \$27.50.

STIM U PLANT TABLETS. A fertilizer in tablet form. The tablets contain the essential plant foods in highly concentrated form and are therefore very convenient for house use. Package, small size, 30 tablets, 25c. Med. size, 100 tablets, 75c; large size (pail), 1000 tablets (enough for season's supply for medium sized garden) \$3.50. **Keeps Lawns Fresh and Green**

SULPHATE OF AMMONIA. Used for its Nitrogen. A very fine fertilizer for all plants in which a large leaf development or rapid growth is desired. It tends to create an acid reaction in soil. Do not let it touch green growth. Use 1 pound to 50 square feet. Price, 25 lbs. \$2.00; 50 lbs. \$3.40; 100 lbs. \$5.75; 500 lbs. \$24.00.

TEROGEN.

This unique Soil Disinfectant—Fungicide, Insecticide and Fertilizer—has played a highly important part in the great success achieved by the nationally known Rose Gardens at Wallingford, Pa.

PRICES			
1 lb. tins.	\$.75	10 lb. tins.	\$4.75
2 lb. tins.	1.25	25 lb. tins.	11.00
5 lb. tins.	2.75	100 lb. tins.	40.00

A 10-lb. tin is sufficient for one application for 30 to 50 plants.

TOBACCO DUST, per lb. 10c; per 100 lbs. \$6.00.

TOBACCO STEMS. Placed around the roots of roses and other plants; occasionally recommended as a dressing for grass over winter. Feeds the plants, protects against cold, retains moisture, deters insects. Use from 2½ to 3½ tons per acre; 1 to 1½ pounds to the square yard. 100 lbs. \$3.00.

FARMOGERM

Legume Inoculation

HUMOGERM

and NITRAGIN

For Alfalfa, Soy Beans, Clovers and other legumes. Sold on bushel basis—not acre size.

¼-bu. size.	\$.40	1 -bu. size.	\$1.00
½-bu. size. ....	.60	2½-bu. size.	2.25
Special garden size for Garden Peas, Beans and Sweet Peas.35			

MULFORD CULTURES

For Legumes

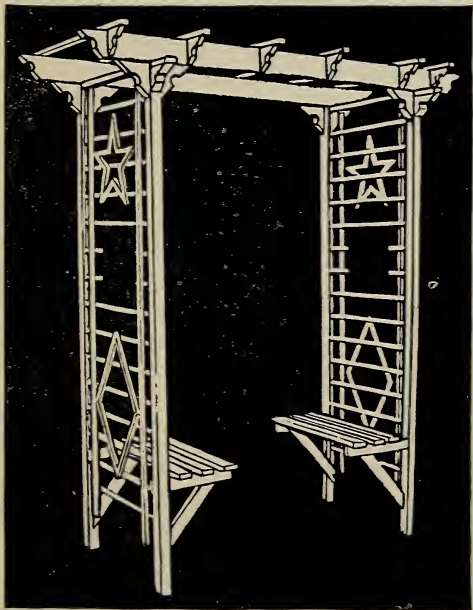
Alfalfa	Crimson Clover
Sweet Clover	White Clover
Red Clover	Aisike Clover
10 -bu. size.	\$8.00
2½-bu. size.	2.25
1 -bu. size.	1.00
½-bu. size. ....	.60

For Large Seeds

Garden Peas	Cow Peas
Garden Beans	Soy Beans
5-bu. size.	\$2.25
2-bu. size.	1.00
1-bu. size. ....	.60

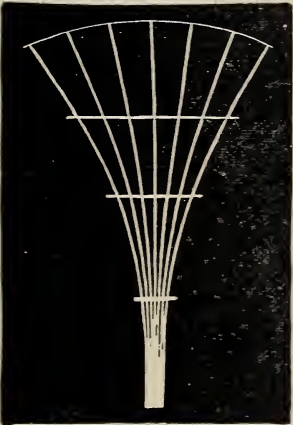
Prices Subject to Change Without Notice

GARDEN FURNITURE, ARBORS, TRELLISES, ETC.



No. 78—Beverly Pergola, \$16.00

Beverly Pergola, No. 78.	16.00
Hollywood Pergola, No. 66.	12.60



Fan Trellis
all sizes and prices



No. 58
Star Trellis, \$2.75

Florida Trellis, No. 110.	\$4.00
Adjustable Trellis; No. 47.	2.10
Star Trellis, No. 58.	2.75
Sweet Pea Trellis, No. 61.	1.35
Double Triangle Trellis, No. 52.	2.00
Bungalow Panel Trellis, No. 100.	3.00
Roseland Trellis, No. 48.	3.40
Porch Trellis, No. 4.	6.20
Porch Trellis, No. 3.	4.25
10-ft. Diamond Trellis—Special, No. 159.	3.85
Rose Ladder, No. 105.	2.30
White Picket Fence, per foot. ....	.15

INSECTICIDES

ANGLEWORM REMEDY. One teaspoonful Corrosive Sublimate in 3 gallons of water. Sprinkle on the ground affected by worms, which forces them out and then can be raked up. The best available remedy for ants. $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 50c.

ANNIA GERM. Kills Weevil in Peas, Beans, Corn and grain. Also worm and moth destroyer. Annia germ prevents moth and weevil getting into any kind of grain in the hottest weather and will save thousands of dollars in value for the users of this simple but infallible remedy.

ANTS IN HILLS, ETC. Inject bisulphate of carbon in the hills. This will destroy them promptly.

APHISTROGEN. Makes a complete spray for most sucking insects; prepared especially for roses and other plants. Per 4 oz. 75c; \$1.25 per $\frac{1}{2}$ lbs.; \$3.50 per 2 lbs.; 12 lbs. \$15.00.

ARSENATE OF LEAD POWDER. Superior to paste in that it does not deteriorate from standing. Use 1 to $1\frac{1}{2}$ lbs. to 50 gals. of water. $\frac{1}{2}$ lb. 25c; 1 lb. 45c; 5 lbs. \$2.00; 10 lbs. \$3.50; 25 lbs. \$8.00.

BLACK FLAG, for fleas, flies, bedbugs, mosquitoes. 25c, 45c, 75c.

BLACK LEAF 40. A concentrated nicotine solution for aphids, thrip, and red spider. Dilute 1 oz. to from 3 to 6 gals. of water. 1 oz. 35c; $\frac{1}{2}$ lb. \$1.25; 2 lbs. \$3.25; 10 lbs. \$11.85.

BORDEAUX MIXTURE, powder, per lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50.

BUG DEATH, 1 lb. 20c; 3 lbs. 50c; 5 lbs. 70c; $12\frac{1}{2}$ lbs. \$1.70; 100 lbs. \$9.50.

CARBOLINEUM, 1 to 2 gals. \$1.75 per gal.; 5 gals. \$1.50 gal.; 5 or 10 gals. \$1.35 gal.

COOPER'S SHEEP DIP, pkg. \$2.00.

COPPER SULPHATE, 1 lb. 15c.

CUT WORM KILLER, 1 lb. 30c; 5 lbs. \$1.25; 25 lbs. \$4.00.

CYANOGAS (CALCIUM CYANIDE), for woodchucks, rats, ants, moles, 5 lbs. \$2.50.

FEROGEN. Spring-Summer Ground Dressing. A remarkable Plant Food, Soil Stabilizer and Ground Dressing for your roses. FeroGen should be cultivated into your rose beds early in the Spring. It supplies vital chemical elements and stimulates to vigorous root action. In convenient powdered form. 1-lb. can 75c; 2-lb. can \$1.25; 5-lb. can \$3.00 each.

FISH OIL SOAP, $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 60c; 5 lbs. \$1.35.

FUNGITROGEN. A most effective and scientific preventative and remedy for Mildew, Black Spot and other fungoid diseases of roses. Will not discolor the foliage. Pint \$1.25; quart \$2.00; half gallon \$3.50; gallon \$6.00. (Not mailable).

GRAFTING WAX, $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; 1 lb. 45c.

GRAPE DUST. Powder. A remedy for mold and mildew. Ready for use as bought. 5 lbs. \$1.00; 10 lbs. \$2.00.

HELLEBORE, $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 35c; 1 lb. 60c.

INSECTROGEN. A complete spray. Poison, fungicide and fertilizer. Highly effective for leaf chewing insects, and an equally efficient detergent for black spot on Roses, and Mildew and Red Spider on Phlox. Half pints \$1.00; pints \$1.75; quarts \$2.75; half gallons \$4.50; gallons \$8.00. (Not mailable).

LIME AND SULPHUR. Standard remedy for scale and certain fungus. Use 1 part to 9 parts of water. Not a poison, kills only by direct contact with the

insect. For fall, winter and spring use. 1 gal. 65c; 5 gal. \$2.50; 10 gal. \$4.50. Barrel lots at special prices.

LIME-SULPHUR, DRY. Exactly like lime-sulphur. For fall and spring sprayings. Use 12 to 15 lbs. to 50 gallons water. Lb. 35c; 5 lbs. \$1.40; 10 lbs. \$2.40; 25 lbs. \$4.75; 50 lbs. \$8.00; 100 lbs. \$15.00.

MAG-O-TITE. Protects your crops against the ravages of the root maggot, earth-worm and other pests. A 2-pound package will cover about 300 feet of drill, mixed with the soil at planting-time, with an occasional top dusting as a preventive during the growing period. For field-culture the approximate quantity required is from 300 to 500 pounds per acre. 2 lbs. 40c; 4 lbs. 75c; 8 lbs. \$1.25.

MELROSENE. Remedy for killing full-grown rose bugs, $\frac{1}{2}$ pt. 50c; 1 pt. \$1.00; 1 qt. \$1.75.

NICO-FUME, liquid, for spraying and vaporizing. $\frac{1}{4}$ lb. 75c; 1 lb. \$2.25; 4 lbs. \$8.00; 8 lbs. \$15.00.

NICO-FUME Tobacco Paper, for fumigating. 24 sheets \$1.25; 144, \$5.50; 288, \$10.00.

"NICO-FUME" TOBACCO POWDER. Not mailable. Tobacco Powder impregnated with a high strength nicotine solution. Effective for fumigating in greenhouses to destroy Aphids, Thrips, etc. Suggestions and illustrations are set forth on the labels. 1 lb. \$1.25; 5 lbs. \$5.00; 10 lbs. \$9.00.

PARIS GREEN, $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 55c.

PYROX sticks like paint; kills all leaf-eating insects. Pyrox (Bordeaux Arsenate of Lead, Paste). A combination of Bordeaux Mixture and Arsenate of Lead, for fungus and leaf-eating insects. Use 1 lb. to from 5 to 10 gals. of water. 1 lb. 50c; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$6.00; 50 lbs. \$10.50; 100 lbs. \$16.50; 300 lbs. \$45.00.

RAT NIP. For rats and mice. Cans, 35c.

SCALECIDE, 1 qt. 65c; 1 gal. \$1.50; 5 gal. \$6.00.

SEMESAN JR. and SEMESAN BEL. Free descriptive Booklets sent upon request. 1 lb. \$1.75; 5 lbs. \$8.00; 25 lbs. \$37.50; 100 lbs. \$140.00.

SEMESAN-SPRAY, for preventing and controlling Brown Canker, Black Spot and Mildew of Roses, 1 lb. \$2.75; 5 lbs. \$13.00. (Not mailable.)

SLUG SHOT, 1 lb. carton 20c; 5 lbs. 75c; 25 to 50 lbs. 10c lb.

SULPHO TOBACCO SOAP, 10c and 20c.

STICKY BANDING, 1 lb. 60c; 5 lbs. \$2.75.

TANGLEFOOT, 1 lb. 60c; 5 lbs. \$2.50; 10 lbs. \$3.00.

TEROGEN. Insecticide Fungicide for Rose Gardens. Fertilizer and soil disinfectant.

1-lb. Tin.....	.75	10-lb. Tin.....	\$4.75
2-lb. Tin.....	1.25	25-lb. Tin.....	11.00
5-lb. Tin.....	2.75	100-lb. Tin.....	40.00

See also Fertilizers on page 3. Ask for full particulars.

THRIP JUICE, gal. \$3.50.

TOBACCO DUST, 15c lb.

TOBACCO STEMS, lb. 5c; per bale, \$2.50; and \$3.00.

VOLCK. One of the most effective and widely used sprays for the control of Red Spider, Mealy Bug, Scale, Thrip, White Fly, Aphids and rose mildew. Can be used on tender foliage. Successfully used in greenhouses, nurseries, home gardens and orchards. Will combine with nicotine, lead arsenate, and many other sprays. Prices: $\frac{1}{2}$ pt. 55c; 1 pt. 80c; 1 qt. \$1.10; 1 gal. \$3.25; 5 gal. \$12.50; 14 gal. \$27.50; 28 gal. \$45.00.

WEED KILLER, qt. 65c; $\frac{1}{2}$ gal. \$1.00; 1 gal. \$1.75.

Better Potatoes, Corn and Peas

LARGER YIELDS OF CLEANER POTATOES

With This Instantaneous Dip

Scab, Russet Scab, Rhizoctonia and Black-leg are the bugbears of every potato grower.

The old fashioned, time-taking method of disinfecting seed potatoes with mercuric bichloride or formaldehyde is a thing of the past. Now you can treat your seed potatoes as fast as you can scoop them up. Just dip them in DIPDUST solution and out again all ready to plant.

One man can easily treat 250 bushels of seed potatoes in a single day with no danger to the seed, even if they are sprouted.

Seed potatoes dipped with DIPDUST resist rotting in the soil during cold, wet weather; produce sturdier, healthier plants, and yield larger and cleaner crops. One pound of DIPDUST treats 15 to 20 bushels of potatoes.

If, for example, your acreage of potatoes is 25, you have suffered a loss of 500 bushels of potatoes. By a few hours' work and a 25-lb. tin of BAYER DIPDUST, you could have largely prevented this loss and increased your profits by about \$350.00.

INCREASE YOUR CORN YIELD 5 TO 15 BU. PER ACRE

With Bayer Seed Corn Treatment

BAYER SEED CORN TREATMENT permits earlier planting, reduces seed decay and rot; increases germination, prevents seedling blight, root and stalk rots, reduces the amount of "down" corn and increases the yield. Saves millions of dollars to the corn growers annually. Directions with each package.

Three years of practical use has proved the value of the new BAYER SEED CORN TREATMENT. Increases in the crop from eight to thirty per cent have been reported by farmers throughout the entire country.

Extensive tests on Dent Corn by U. S. Department of Agriculture reported in Phytopathology for January, 1926 show that treatment of disease-free seed with BAYER CORN DUST gave an increase of eight and

Treat Your Vegetables, Too

Use DIPDUST also as a dust treatment for peas, beans, other vegetables and flowers. Helps to prevent damping-off and many root and stem rots. Quickly and easily applied and costs but a few cents per acre.

Directions with every package

4-oz., \$.50; 1-lb., \$1.75; 5-lb., \$8.00

Read What Users Say

At four weeks of growing the undipped showed a number of black-leg plant diseases. As many as 33 diseased plants to a single row were found, whereas the dipped seed showed only 15 plants to a whole 14 acre piece of Prince Edward Island potatoes.

The difference in yield in favor of treated seed was 1490 pounds or 25 bushels of potatoes—I am going to dip all my potatoes next year

Fred Brunner, Jr., Cranbury, N. J.

It was easy to see the difference between the treated and untreated parts during the growing season. The Dipdust treated plants were better, healthier and sturdier than the untreated plants at digging time, I compared the yields and found that the Dipdust treated rows ran 165 bushels while the untreated rows gave me only 140 bushels per acre.

Harry O. Dickey, Elk River, Minn.

one-half bushels per acre; of Diplodia infected seed corn, 15.8 bushels and of Gibberella infected seed, 28.9 bushels.

No special equipment necessary for this new seed treatment. See directions on package.

Costs less than 5c per acre. One lb. treats six bu. of corn.

4-oz., \$.50; 1-lb., \$1.75; 5-lb., \$8.00

Read What Users Say

G. H. Howard of Glenwood, Iowa, says: "At harvest time treated rows yielded by actual weight 88.4 bushels per acre—the untreated only 65.6 bushels—a difference in favor of treatment of 22.8 bushels per acre."

From Chas. V. Nafe of Oktaha, Okla.—"One could tell the rows that had been treated with BAYER dust; it being of much better color and more vigorous in growth, also a better stand. I intend to treat all seed corn that I plant next year."

DIPDUST HELPS YOUR PEAS TO GROW

Treat your pea seed with DIPDUST this season before planting and help to protect it from many of the diseases so prevalent in New York, and other pea-growing sections. DIPDUST controls such seed-borne diseases as foot rot, and reduces stem blight and root rots caused by Rhizoctonia and Pythium.

By its control of certain diseases DIPDUST increases stand and yield. For instance, one prominent pea grower writes: "In a pea field which was partially treated and partially untreated, the plants from the treated seed were more vigorous, more stooling per plant, and the root systems were 50% stronger. The treated seed averaged 53 plants per yard of row, and the untreated only 29 plants per yard of row."

DIPDUST is easily and quickly applied. Simply place the seed and required amount of DIPDUST in any dust tight container and shake for two or three minutes, and your seed is ready to plant. One pound will treat more than 5 bushels of seed. It pays for its small cost many times over.



DIPDUST

4-oz., \$.50; 1-lb., \$1.75; 5-lb., \$8.00; 25-lb., \$37.50

EXTRA RE-CLEANED GRASS AND CLOVER SEED

Nothing is more important to the farmer than that the grass seed he sows should be pure and clean. The seed should also be plump, heavy and well-ripened, so as to insure a good stand. First-class, thoroughly re-cleaned seed, while considerably more costly in the first place, is really much cheaper in the end.

BLUE GRASS, KENTUCKY FANCY RECLEANED (POA PRATENSIS). Also known as June Grass, Green Grass, etc. Rated as one of the best permanent grasses, especially useful for lawns, meadows and rich land. It is the grass of the famous limestone soils of Kentucky, and is also a favorite in all the Northern States. Lb. 45c; Bu. (14 lbs.), \$5.00; 100 lbs. \$32.00.

BLUE GRASS, CANADIAN (POA COMPRESSA). Useful for poor, thin and gravel soils. Lb. 45c; Bu. (14 lbs.) \$5.00; 100 lbs. \$30.00.

CREEPING BENT GRASS (AGROSTIS STOLONIFERA). Excellent for lawns and putting greens. Makes a low velvety growth. Lb. \$1.75; Bu. (20 lbs.) \$30.00.

CRESTED DOGTAIL (CYNOSURUS CRISTATUS). Lb. 75c; Bu. (21 lbs.) \$13.00.

FESCUE, CHEWINGS NEW ZEALAND (FESTUCA CHEWINGS). For fine lawns and putting greens. Lb. 60c; Bu. (14 lbs.) \$7.00.

FESCUE, HARD (FESTUCA DURIUSCULA). Indispensable in all pasture mixtures. Lb. 50c; Bu. (12 lbs.) \$4.25.

FESCUE, MEADOW (FESTUCA PRATENSIS). English Blue Grass, or Sweet Grass. Lb. 40c, postpaid. Bu. (22 lbs.) \$7.50; 100 lbs. \$30.00.

FESCUE, RED OR CREEPING (FESTUCA RUBRA). For fine lawns and putting greens. Succeeds on sandy soils. Lb. 70c, postpaid. Bu. (14 lbs.) \$8.00;

FESCUE, SHEEP'S (FESTUCA OVINA). Valuable for pastures. Lb. 50c, postpaid. Bu. (12 lbs.) \$4.25; 100 lbs. \$35.00.

FESCUE, FINE-LEAVED SHEEP'S (FESTUCA OVINA TENUIFOLIA). Excellent for lawns and golf courses. Makes a very dwarf and fine-leaved growth. Lb. 75c. Bu. (14 lbs.) \$10.00.

MEADOW FOXTAIL (ALOPECURUS PRATENSIS). A valuable perennial pasture grass. Lb. 90c postpaid. Bu. (7 lbs.) \$5.50.

ORCHARD GRASS (DACTYLIS GLOMERATA). One of the most valuable of the pasture grasses; makes a good hay. Lb. 40c; Bu. (14 lbs.) \$4.50.

RED-TOP GRASS, EXTRA RECLEANED SEED (AGROSTIS ALBA). Now popular for lawns and golf courses. Heavy solid seed, no chaff. Lb. 50c; Bu. (32 lbs.) \$13.00.

ROUGH STALKED MEADOW GRASS (POA TRIVIALIS). Highly recommended for fine lawns and it also is a rich pasture grass. Lb. 70c; Bu. (14 lbs.) \$9.00.

RYE GRASS, PERENNIAL (LOLIUM PERENNE). Valuable for winter lawns in the South. Lb. 30c; Bu. (24 lbs.) \$6.00.

RYE GRASS, PACEY'S. This makes a quick growth very early in spring, and is adapted for cool, moist locations, recommended for fall seeding on Bermuda-grass lawns in the South, giving them a bright green appearance all winter. 24 lbs. to the bushel; 3 bushels to the acre. Per lb. 35c; per bushel of 24 lbs. \$6.00.

SWEET VERNAL GRASS (ANTHOXANTHUM ODORATUM). Imparts a sweet odor to hay. Relished by all kinds of stock. Use 2 to 5 lbs. per acre, in mixture. Lb. 90c; 10 lbs. \$9.00.

TALL MEADOW OAT GRASS (AVENA ELATIOR). Lb. 40c; Bu. (10 lbs.) \$3.00.

WOOD MEADOW GRASS (POA NEMORALIS). The ideal grass for heavily shaded lawns. Lb. 90c; Bu. (14 lbs.) \$12.00.

TIMOTHY (PHEUM PRATENSE). A valuable hay crop. Sow one-half bushel to the acre alone, or 8 to 10 quarts if used with other grass seeds. 45 lbs. to the bushel. Lb. 15c; price per bushel \$4.00 to \$5.00.

Permanent Pasture Grass

This special mixture of grass and clover seed is composed of varieties best adapted for producing an abundant and nutritious food supply for stock, and will be found satisfactory for permanent pasturage. If your fields are worn out, it will pay well to plough and seed them with this mixture of grasses and clovers, thus securing two crops a year, whereas with timothy alone you cut but one crop. In ordering, state whether for light or heavy soil.

	Low Land	Lbs. per Acre
Timothy.....		8
Red Top.....		4
Alsike Clover.....		6
Canadian Blue Grass.....		4
Orchard Grass.....		4
White Clover.....		2
Prices at Market Value		28 lbs.

	High Land	
Blue Grass.....		7
Red Clover.....		3
Orchard Grass.....		3
Redtop.....		10
Perennial Rye Grass.....		8
White Dutch Clover.....		3
Prices at Market Value		34 lbs.

	For Wet Pastures	
Redtop.....		14
Alsike.....		8
Perennial Rye Grass.....		12
White Clover.....		6
Prices at Market Value		40 lbs.

	For Light, Sandy Soils	
Red Fescue.....		20
Redtop.....		10
Kentucky Blue Grass.....		8
White Dutch Clover.....		2
Prices at Market Value		40 lbs.

Japanese Millet. (Billion Dollar Grass.) Japanese Millet is one of the most remarkable forage plants we have; remarkable for its marvelous, luxuriant growth, often growing six feet tall; remarkable for the immense amount of hay it produces from each acre, and remarkable for its feeding value. It is adapted to all sections; does especially well on low ground; produces a crop in a very short time; is relished as hay by stock of all kinds. Sow in May for best results, 15 to 20 pounds per acre. If desired for hay, cut just before it heads out; Price \$3.15 per bushel.

Sudan Grass. Sudan Grass is strictly an annual, and dies each year like millet, and must be seeded again each spring. Sudan Grass is tall, reaching a height of from seven to nine feet, with very small stems. The plant stools wonderfully and produces an amazing number of stalks from a single root. Stock prefer it to any other forage, and thrive on it. Produces good crops in time of drouth, and enormous ones in wet seasons. Sow 10 to 15 lbs. per acre. Price 15c lb.

Golden or German Millet. This is the favorite variety for planting in good land to produce a large crop of hay or forage during the summer months; of very strong growth. 50 lbs. to the bushel; 1 bushel to the acre. Per bushel, about \$5.00.

Dwarf Essex Rape. A forage plant of highest value. It can be sown in April for an early crop, and for fall crop in July, August and September. 30 days from the time of sowing, sheep, hogs or cattle can be turned upon it; all reports agree that they gain weight faster on this than any other fodder. Stockmen, dairymen and farmers have proved its value. Per lb. 20c; 100 lbs. \$13.00

Sorghum, or Early Amber Sugar Cane. This is the sorghum of the Northern States; makes the finest quality of syrup. The earliest and most productive variety. Height, 10 feet. For ensilage or fodder it possesses good qualities; stock of all kinds relish it. Sow 5 lbs. in drills, or 1½ bushels broadcast to acre. Per lb. 8c; bu. (50 lbs.) \$3.50.

Vetches or Tares, Winter. (VICIA LOSA.) Also called Sand Vetch, or Hairy Vetch. Recommended for fall sowing with rye, which serves as a support. It is perfectly hardy in all parts of the country, remaining green all winter; it can be harvested or plowed under, and the ground used for the usual spring crop. Sow 25 lbs. with one bushel grain per acre. Price per lb. 25c.

Clovers

Alfalfa, or Lucerne. It strongly resembles clover in habit of growth and feeding value, but withstands drought much better. It is a perennial. Plant on well-drained soils, so that when once established, it will continue to produce crops for many years. It must be cut every time it comes into bloom. Will not succeed on low, wet soils. Sow from 20 to 30 lbs. per acre. Market price.

Alfalfa, Grimm. On account of its superior hardiness this variety is particularly recommended for growing in northern latitudes, as its distinctive characteristic is its ability to withstand the rigor of the hardest winter. It possesses a fibrous branching root system and the plants are of spreading habit. Market price.

Alsike or Hybrid Clover. (TRIFOLIUM HYBRIDUM.) The plant is perennial and very hardy, thriving well on wet soils. The stems are more slender and much taller than those of the Red Medium Clover, and thus much better adapted for growing with Timothy to produce a high grade of mixed hay. Sow 10 to 15 lbs. to acre. Market price.

Red Medium or Mammoth. This is the common Red Clover so largely grown. We shall be pleased to quote prices at any time.

White Dutch Clover. (TRIFOLIUM REPENS.) This thrives in almost every soil and climate, succeeding equally well on heavy, moist land and thin, dry hill-sides. It is of low-creeping growth and for green velvetly lawns. Per lb. 60c.

Sweet Clover Bokhara (MELILOTUS ALBA.) This slightly resembles Alfalfa in growth, but is much taller, with leafier and stiffer stems. It frequently grows five to six feet in height and branches freely; fragrant, white flowers, which afford an excellent food for bees. Used also for inoculating Alfalfa soils Per lb. 25c.

Wheelbarrow Seeders With Steel Frame

They can be worked by anyone who can run a wheelbarrow. Price, 14-foot \$14.00; 16-foot, \$16.00

FIELD SEEDS

Canada Field Peas, per bu.....\$4.50
Buckwheat, Japanese, per bu. (bu. 48 lb.)..... 2.25
Buckwheat, Silverhull, per bu. (bu. 48 lb.)..... 2.25
Barley, Chevalier, 2-row, per bu..... 2.50
Barley, Oderbroecker, 6-row, per bu..... 2.50

Speltz, per bu. (32 lb. bu.).....\$2.50
Spring Rye, per bu..... 3.50
Winter Rye, per bu. (sow after October 10th) ... 2.50
Marquis Spring Wheat, per bu..... 3.50
Sunflower Seed, per lb. 15c, per 100..... 12.00

Field of Onondaga Grain Mixture



Lyman Crane, Winthrop, N. Y., is shown in this picture with a root of Winter Vetch five feet long. This was on exhibit at our store with a Golden Hubbard Squash weighing 67 lbs. Mr. Crane is an enthusiast on the value of Winter Vetch and special crops. If interested in Winter Vetch—write him for instructions in growing immense crops.



Grown on the Merry Farm, Pennelville, N. Y.

This wonderful dairy mixture forms a balanced grain ration, superior to any mill feed at greatly reduced cost. Saves constant hauling, a perfect milk and flesh producing feed, at ¼ to ⅓ the cost of ordinary grain feeds, supplied by the mills. This can be ground at a small expense, with your own power, thus leaving the money in your own pocket, on your own premises, to be fed as needed. You make and take the profit yourself.

Cost per acre, \$7.50.



Field of Ebeling's Silo Filler or Early Wonderful Ensilage Corn, Grown by W. H. Sturdevant, Vernon, N. Y. (See testimonial)

Ebeling's Silo Filler Ensilage Corn or Early Wonderful. An improved type of the old and reliable so-called Sweepstakes variety, which is also known under many other names, and which was introduced by us for the first time in Central New York in 1912, and our catalogue of that year contains description of same.

This Ensilage Corn has reached a high-water mark in quality and Silo-filling ability.

Have had many flattering letters and testimonials during the past season and we are firmly convinced that the **EBELING'S SILO FILLER ENSILAGE** or **EARLY WONDERFUL CORN** is the best and last word on Ensilage. Different farmers have said that they had more corn than their Silos would hold and sold considerable to their neighbors right out of the field.

This indeed is real helpful, practical and valuable to the Dairymen.

This seed stock is very carefully selected by competent corn men, and the crops are faithfully cared



Field of Early Wonderful Ensilage Corn. Grown by E. J. Niles, Canastota, N. Y. (Note his letter)

for; thus producing a type of Ensilage corn best suited to the farmers' needs.

Samples on Application. We have ears of this corn weighing 1 pound when husked. **\$4.00 to \$4.50 bu.**

Ebeling's Silo Filler or Early Wonderful Ensilage Corn is also known as West Branch Sweepstakes, Giant Ensilage, The Abbot West Branch, Lancaster, Sure Crop, Mennoite Ensilage, "Mohawk Chief" Ensilage, Syndicate Special Ensilage, Rising's Gold Dollar, Excelsior, Central Pennsylvania, Lycoming County Sweepstakes Ensilage, and other names. The corn that makes the farmer prosperous. Makes the ensilage in eighty days. Fully ripened and glazed in ninety days.

Vernon, N. Y., October 20, 1927.

MR. F. H. EBELING
Dear Sir:

I am sending you photographs of the corn, Early Wonderful, I bought of you, and wish to say that I planted three kinds of corn on the same field, planted at the same time, and your corn was the largest and eared the best, as you can see in the picture marked No. 1. The corn we had from you this season proved superior to corn purchased elsewhere. W. H. Sturdevant

FRED MOON, Hamilton, N. Y.—said that his field of Ensilage corn was so large and strong that it attracted much attention. Says "I broke two corn harvesters trying to cut it. Had so much Ensilage that I could not get it all in one Silo. It certainly was the finest I had ever seen. I took a picture of this field which I am sending you. Four acres of Early Wonderful Corn filled Silo 18x28.

You may book my order for my corn and potatoes for next season. Waterville, N. Y., October 25, 1927

MR. F. H. EBELING
Dear Sir:

I had a great crop of your Early Wonderful Ensilage Corn from your seed this season. Filled my Silo 16 x 29 off 7½ acres and I am wonderfully pleased with your corn. William H. Heltelrine

FRANK GIBBONS of Deansboro, N. Y., writes us that he had so much Ensilage from our corn that he could not get it all into his Silo and sold a large quantity in the field at a good price.

FRED DECK, Marcy, N. Y., filled his silo with our Early Wonderful Ensilage Corn and had one of the best crops in that section.

FRED WERTHMAN, Clinton, N. Y., R.F.D., told the writer that one acre of our wonderful Ensilage corn filled his 14-foot Silo one-half full.

October 25, 1927

I am greatly pleased with your Early Wonderful Corn I had of you this season, and will order more from you for next year.

C. P. Stowell, Hamilton, N. Y.

E. J. NILES, Canastota, N. Y., says: "I am sending you a picture of our field of Early Wonderful Ensilage Corn I bought of you last spring. I am greatly pleased with your corn which I consider the best Silo Corn I have ever grown—being large in growth of stalk, leaf and corn. Very truly,

E. J. Niles, Canastota, N. Y.



Still one more of the many fields of our Silo Filler Early Wonderful Ensilage Corn. Grown by Fred Moon, Hamilton, N. Y. (See testimonial)

ALBERTA CLUSTER OATS

The Famous, Heavy Yielding, Hardy Variety From the Great Northwest

These oats were grown and shipped to us direct in car lots of about 2000 bushels, from that wonderful Alberta country of the Great Northwest. The soil is a deep, heavy, rich loam, free from foul weeds, and which produces the very best of all grain crops. These oats have captivated the modern grain-growing farmer in every part of the country because they have proved themselves a big success. It's well known that seed oats in the Alberta country are unequaled in hardiness, height, yield, vigor, in freedom from rust and from foul seeds. Canadian growers are extremely careful in seed selection and the

Canadian Government through its rigorous seed laws, has greatly benefited our American farmers. It is safe to say that a more profitable variety of oats was never offered before in Central New York.

The two main handicaps in the growing of oats are foul weeds and the sowing of degenerated oats. Both problems are solved by our Alberta Cluster Oats. These oats constitute a remedy for the farmers who have had trouble with their annual yield because they have continued to sow run-out and run-down sorts year after year. Alberta Cluster Oats compare with the majority of seed oats in the same way that a blooded Holstein compares with a common scrub animal.

**Kernels very plump—
Weigh up to 45 Lbs. to
Bushel**

These oats yield from 75 to 100 bushels to the acre. They have big, strong, stiff straw that stand up well on any ground. Their clustered heads are 12 inches long and ripen early. **\$1.85 per bu.**



Field of our Alberta Cluster Oats, grown by
Frank Gibbons, Waterville, N. Y



Alberta Cluster Oats

To Prevent Smut in Oats. Formula.—1 pt. of formalin to 20 gal. of water, wet 20 bu. (or in that proportion) of oats with this solution, mix thoroughly by shoveling, then pile in a mound, cover up well with blankets, etc., for 12 hours. This forms a gas that will destroy the Smut germ. After 12 hours spread out the Oats to dry. They will then be ready for sowing.

MARQUIS SPRING WHEAT

Marquis Spring Wheat is the leading Spring Wheat Variety grown in the U. S.

Price \$3.50 per bushel.

We refer to Mr. Chas. J. Beebe of Waterville, who will verify our statement.

Picture of Mr. Beebe's field shown herewith.

SAFE PARKING

Farmers will save money by going to our warehouse, 538-540 Canal St. and Erie Blvd. We have plenty of parking space where your machines can be left in safety. Anything in our line—not found at our warehouse—can be promptly obtained from our store, 217 So. Warren St. and will be delivered at once to our warehouse.



ASPARAGUS

Spargel (Gr.)

Spargio (It.)

Culture—Sow early in spring in rows one foot apart; when one year old the roots may be taken up and transplanted in permanent beds, which should be made by taking out the soil to a depth of about 16 inches, fill in with six inches of well rotted stable manure, then six inches of soil somewhat firmed, and place the roots on the same about 10 inches apart with the roots well spread out and cover so that the crown will be about four inches below the surface.

Mary Washington Asparagus. This is a selection from the Washington showing a marked improvement in every respect. It is much larger than the ordinary strain and is some earlier. Tips very compact and a rich purplish-green. The whole stalk, from base to tip is remarkably tender. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

Washington. A vigorous growing and very productive variety. The most uniform in type of any of the so-called rust resistant varieties. The shoots are large, of excellent quality, rich deep green color, tinted somewhat with purple at tips.

SEED—Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.75.

Palmetto is early, a fine yielder, even and regular in its growth. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

Barr's Mammoth. The fine old reliable sort. Pkt. 10c; oz. 15c; lb. \$1.25.

SEED—Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.75.

Roots of Above Varieties at \$2.00 per 100. Can furnish in one and two-year roots.

BEANS—Dwarf Wax Varieties

Bohnen (Gr.)

Faginoli (It.)

Culture—Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches of mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop.

Pencil Pod Wax. This comparatively new wax podded bean is particularly handsome, also medium early, hardy and very prolific. Leaves roughened. Pods long, five and one-half to six inches, straight, round, fleshy, and of a bright yellow color; tender, absolutely stringless and of excellent quality, and are produced through a long season. One of the best for home use and near markets. Seed long, round, medium sized; color solid black. Lb. 40c; 2 lbs. 70c.



Davis Wax. A very hardy and productive variety, desirable where a wax-podded, white seeded, mid-season sort is wanted. Vines very vigorous. Pods are invariably long, six and one-half to seven inches, light yellow; seed kidney-shaped. Lb. 40c; 2 lb. 70c.

Improved Black Wax

This variety takes the place of the old black wax or butter bean and is much better in every respect. Vines medium sized, with small foliage, very vigorous, hardy and productive, maturing

about midseason, well up from the ground, fleshy and of a light golden yellow, and remain a long time in condition for use as snaps. Lb. 40c; 2 lbs. 70c.

Round Pod Kidney Wax. This midseason variety is exceedingly handsome and very desirable for the home garden. Vines dwarf, spreading and productive. Pods long and round, wax-like, stringless and of the best quality. Uniformly perfect. Medium-sized, white, with a little dark marking about the eye. Lb. 40c; 2 lbs. 70c; bu. \$15.00.

Improved Golden Wax or Detroit Wax. Vines a little more upright and hardier than the Golden Wax. The handsome deep yellow pods are about five inches long, broader and flatter than Golden Wax. Seed medium size white with dark brown to black markings. Lb. 40c; 2 lbs. 70c; bu. \$15.00.

Beans—Pole

Kentucky Wonder. This remarkably vigorous growing, green podded pole bean has very long pods somewhat broad, very fleshy and quite stringless as snaps. The mature pods are often eight to nine inches in length. Its earliness and hardness commend it as a pole bean. Large green pods are unexcelled in quality by any green podded bean of its class. $\frac{1}{2}$ lb. 20c; lb. 45c; 2 lbs. 80c.

Scarlet Runner. Brilliant scarlet flowering ornamental pole bean. $\frac{1}{4}$ lb. 15c; lb. 50c.

White Runners. Same as Scarlet Runner, only white. $\frac{1}{4}$ lb. 15c; lb. 50c.

Beans—Dwarf Green Podded Varieties

Bountiful. For the market gardener this is one of the popular varieties. Pods are medium size, green and flat; an excellent snap bean. Dry beans are yellowish brown color. Lb. 40c; 2 lbs. 70c.

Black Valentine. A very hardy and productive green podded sort with strong, vigorous vines. The pods are nearly round or slightly flattened but very handsome. A large crop can be depended on and the product is very attractive on the market. It is very extensively used for shipping. The pods are medium dark green and about six inches long. Seed small to medium sized, black, oblong, slightly flattened. Lb. 35c; 2 lbs. 60c.

Burpee's Giant Stringless Green Pod. A very desirable green podded snap sort for the home garden and largely grown for the market. Vine is vigorous, spreading and productive. Pods are dark green, five to six inches long, crisp and tender. Lb. 40c; 2 lbs. 70c.

Red Valentine Extra Early Round Pod. For snaps there is nothing superior to this variety among the dwarf green podded sorts both for home and market garden and many prefer it to the wax varieties. Vines medium to large, erect, with dark green leaves. Pods medium length, about four and one-half inches, curved, cylindrical, with crease in back, very fleshy, crisp and tender. Lb. 30c; 2 lbs. 60c.

Refugee, or 1000 to 1. Of compact growth and very prolific. The pods are light green, very solid and tender. Lb. 35c; 2 lbs. 60c.

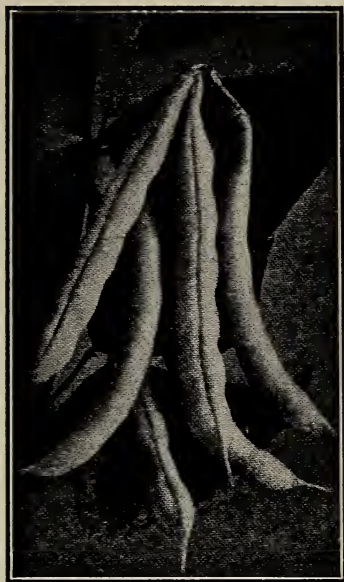
Dwarf Horticultural. Vines very productive, compact, upright, with large leaves. Pods five to five and one-half inches come fit for use as green shelled beans early and in this condition the beans are very large, easily shelled and are about equal to the Lima in quality. One of the best sorts for green shell beans for home and market. Lb. 40c; 2 lbs. 70c.

BEANS

Pea, per lb.	15c
Marrow, per lb.	25c
Navy, per lb.	20c
Imperial, per lb.	25c
White Kidney, per lb.	25c
Red Kidney, per lb.	25c

Special Prices on Bushel Lots

All Prices Subject to Change Without Notice
Plant during the Moon Period for best results



Burpee's Stringless Green Pod

Beans—Dwarf or Bush Lima

Dreer's Bush Lima. A dwarf variety of the Dreer's Improved Lima. The beans grow close together in the pods, producing 3 to 4 and sometimes 5 in a pod, and are thick, sweet and succulent. Lb. 45c; 2 lbs. 80c.

Burpee's Bush Lima. True bush form of large white Lima, bush 15 to 20 inches high, 24 to 30 inches diameter, supported by its own thick stems. For productiveness and quality of beans it is not surpassed. Lb. 40c; 2 lbs. 75c.

Fordhook Bush Lima. An improved dwarf Lima of the Kumerle type. The plant is vigorous and erect growing, bearing well above the ground. The pods, which are produced in large clusters, are medium green, about four and three-fourths inches long, and contain three to five large beans. Lb. 40c; 2 lbs. 75c.

English Broad Bean

Broad Windsor. An old-fashioned English shell bean. This bean is very hardy; it should be planted as early as the ground will permit, three or four inches deep in rows three feet apart, and plants four feet apart in row. Dry beans very large and yellowish green. Oz. 10c; lb. 70c.

Beans—Pole Lima

King of the Garden Lima. Vines very vigorous and productive. Pods five to six inches long, filled with four or five immense white beans of the finest quality. On account of its large pods it is a favorite with market gardeners. It will come into bearing sooner and will make larger pods if not more than two vines are left to grow on a pole. Lb. 40c; 2 lbs. 70c.

Early Jersey Lima. Matures a few days earlier than the King of the Garden, and is very productive. The pods contain from three to four large beans, and the quality is good. Lb. 40c; 2 lbs. 70c.

BEETS

Ruebe (Gr.)

Barbabetola (It.)

The best results are obtained on a deep, rich, sandy loam. If wanted very early, sow such sorts as Crosby's Egyptian or Detroit Dark Red in hotbeds and transplant, cutting off the outer leaves. For general crop sow in freshly prepared soil as soon as the ground will permit, in rows eighteen inches apart covering about an inch deep and pressing the soil firmly over the seed. For winter use the turnip varieties may be sown in June so as to mature late in the season.

Extra Early Egyptian Blood Turnip. The best variety for forcing and excellent for first early crop out of doors, being very early with small tops. Root very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom, and about two inches in diameter when mature. Flesh dark purplish red, zoned lighter shade. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. \$1.00. (Same as Albani Beet.)



Extra Early Egyptian Blood Turnip

Albani. Turnip shaped. Bright scarlet color, very early open ground variety, a good buncher. (Same as Early Egyptian Blood Turnip.) Oz. 15c; ¼ lb. 30c; lb. \$1.00.

Early Eclipse. An early beet especially desirable for the home garden. Tops small. Root bright deep red, smooth, round. Flesh bright red, zoned with pinkish white; very sweet, crisp and tender. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. \$1.00.

Crosby's Egyptian, Special. This special selection is valuable both for the private gardener and the amateur, on account of its reliability to produce a uniform crop of best quality. In the production of this seed, selection is not only made for shape, but also for extreme earliness and high quality. The skin is very smooth, bright red and flesh-vermillion, very sweet and tender. Oz. 15c; ¼ lb. 35c; lb. \$1.25.

Detroit Dark Red. We believe this is the best beet for the market and home garden, and on account of its uniformly deep rich color the most desirable for canning. Tops small, upright in growth. Very smooth and of dark blood red color. Flesh is deep vermillion-red, zoned with a lighter shade of the same color. Careful comparisons with all the prominent varieties on the market in this country and in Europe prove that the Detroit Dark Red Beet is the most uniform in shape and size and the most attractive in color. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.35.

Special Cash Discount to Market Gardeners



Detroit Dark Red

globe-shaped, with a very smooth skin, and an exceedingly small tap root, fine-grained, sweet in flavor, and tender at all times. The foliage is small, admitting of close planting. Not only a market gardener's sort, but one of the best for the kitchen garden, as it is extra early. Pkt. 10c; oz. 15c; lb. \$1.25.

Swiss Chard. (See Kale Beets.) This kind of beet is grown exclusively for the numerous fleshy, tender leaves and leaf stalks, which are superior to those of other beets for use as greens. Later in the season the wax-like leaf stems are cooked like asparagus or are pickled. This variety we offer has large, broad, undulated leaves of attractive yellowish green color, and very large, broad white stalks and midribs or chards. It is well worthy of a place in the home garden as well as for market use. Swiss Chard is sometimes called Leaf Beet, Spinach Beet and Silver Beet. Pkt. 10c; oz. 15c; lb. \$1.00.

Mangel Beets, Mangel Ruben

Golden Tankard. A smooth, yellow fleshed Mangel. The roots are of large diameter, tapering quickly at the bottom, which is quite broad, with only a small tap-root. It grows largely above the soil and is easily harvested. It yields enormous bulk on good land and can be sown closely in rows. Oz. 10c; ¼ lb. 20c; lb. 60c.

Mammoth Long Red. This is a heavy cropper and a large yielder. The roots grow from one-half to two-thirds above the surface, and are frequently two or more feet in length by six inches usual diameter. Dark, richly colored foliage, skin dark red, flesh white with veined rings of rose pink. Same as Norbiton Giant. Oz. 10c; ¼ lb. 20c; lb. 60c.

Danish Sludstrup Mangel. This most wonderful Mangel is a long, reddish yellow root but not so long as the Mammoth long red, it grows more above ground, is very easily harvested, and requiring but little exertion to pull same. They frequently weigh from 15 to 20 lbs. Oz. 10c; lb. 60c.

Ideal Sugar Mangel Beet. The illustration faithfully shows the shape of this wonderful Mangel. It is a perfect chunk of a beet, being as large at the bottom as at the top. Stands two-thirds above ground. Is easily harvested even on hard soils. This new and original Mangel has been tested alongside thirty other Mangels and by strict laboratory tests on trial grounds and field demonstrations, has proved to be IDEAL and surperior in quality. Lb. \$1.50; 10 lb. \$12.50.

A. Contains the greatest amount of sugar of any mangel.

B. Grows high above the ground.

C. Skin flesh light yellow.

D. Greatest yield of saccharine dry matter.

E. Very easy to harvest.

F. Best keeper.

G. Splendid ensilage.

H. Has yielded 25 tons to the acre.

Beet—Early Wonder. A deep blood red beet, nearly globular, with small, clean tap-root and small sized top. One of the earliest and most uniform bunching beets on the market. A field of Early Wonder Beets will mature so evenly that the crop may be harvested at one time. Pkt. 10c; oz. 20c; lb. \$1.25.

Crimson Globe. A perfect beet in all respects; brilliant crimson in color,



Ideal Sugar Mangel

The value of this Mangel for stock feeding cannot be over-estimated. No one who keeps horses, sheep or cattle should be without these roots for winter feeding.

BROCCOLI

Spargelkohl (Gr.) Brocoli (It.)

Italian Green Sprouting Broccoli. A very useful variety recently introduced from Europe and very popular here. It is quite distinct from the white heading broccoli. The plants are rapid growing and produce a large head at center of plant in about ninety days from date of planting. The head is a compact cluster of tightly closed buds and resembles cauliflower only in shape as the color is dull bluish-green. It is used without blanching and ready for use as soon as fully developed. After this central head is removed the plant produces many branches, each bearing smaller terminal and lateral heads which are fully as desirable as the first head produced. If these heads are gathered as soon as they become large enough for use, the plant will continue to produce for a period of eight to ten weeks. Quality fully equal to cauliflower and by some considered superior. The secondary heads are four to six inches in length and these stems are fully as desirable as the heads. Served same as asparagus.

It is adapted to growing in spring, summer or fall, and is certainly much more easily and successfully grown in the northern states than cauliflower or Brussels sprouts. Pkt. 10c; oz. \$1.00; ¼ lb. \$2.50.

Purple Cape. Pkt. 10c; ½ oz. 40c; oz. 75c.

Early Large White French. Hardy, vigorous and easily grown. Heads white. Pkt. 10c; oz. 70c.



Italian Green Sprouting Broccoli

BRUSSELS SPROUTS

Rosenkohl (Gr.) Cavoli di Bruxelles (It.)

This vegetable is used in the fall and early winter and by some considered more tender and delicious than any cabbage. Resembles the cabbage, the edible part being the numerous very small heads or sprouts an inch or two in diameter.

Improved Half Dwarf. The most useful variety, one and one-half to three feet high. Pkt. 10c; oz. 20c.

CABBAGE, Kopf-Kohl

Early Jersey Wakefield. The best early cabbage in cultivation. Forms fine solid heads of good size,



Early Copenhagen Market, from actual photograph

pointed heads with few outer leaves. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$3.00.

Succession. We consider it one of our most valuable contributions to horticulture. It would be classed as a second early variety, coming in a few days later than Early Summer, but double the size. Pkt. 10c; oz. 25c; lb. \$3.00.

Mammoth Rock Red. While late in maturing this has the largest heading of all the deep red varieties. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 75c; lb. \$3.00.

American Drumhead Savoy. The best of the late Savoy for house use or for the market. The plant is robust with short stem. Is very much curled or wrinkled. A sure header of large size and the best

Golden Acre. It resembles the "Copenhagen Market," head perfectly round, and leaves saucer-shaped. It matures ten days earlier than Copenhagen Market. **THE GOLDEN ACRE** begins to form head as soon as the leaves have reached the size of a saucer and the growth may be observed almost from day to day. It matures in eighty days from date of sowing, and no other cabbage, including the earliest Jersey Wakefield, has proven as early. We believe it to be the earliest cabbage in existence. Average weight is 5 lbs. Occupies only 20-inch space. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$2.00.

Copenhagen Market. This new Danish cabbage is the largest and earliest ball-shaped variety known. Heads very solid, of wonderful quality, with small cores and weighing from 10 to 15 pounds. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

Glory of Enkhuizen. A very large early cabbage, heads nearly round, very solid, and which has proved to be one of the most profitable of the early market cabbages. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

Danish Ball-head. Short stemmed. We consider this the best strain of Danish cabbage. The heads are large, almost perfectly round, very hard, solid and of good deep green color. This strain of seed produces larger heads and consequently heavier yields than the old style Danish cabbage. A number of large fields in this locality have yielded as high as 22 tons per acre. There is no finer strain than this. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

Flat Dutch. A fine, very large, late winter variety. Very popular on account of size, quality and yield. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.50.

Late Drumhead. One of the old-fashioned big growing sorts. So well known that a description is unnecessary. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

of the Green Globe Drumhead Savoy. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. \$2.75c; lb. \$3.00.

Pe-Tsai. This fine vegetable resembles Cos Lettuce. The head is large and compact, and all but the outer leaves blanch a creamy white. Very crisp and tender, and in every way adapted for the home garden. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.00.

Remedy for Cabbage Worms. One quart salt, mix with one tablespoon Cayenne Pepper. Sprinkle moderately into heart of cabbage. Apply once a week for several weeks. Will keep worms off and produce perfect heads. Formula given by Mr. John Huller, 507 Erikson Avenue, Eastwood, N. Y.

CARROTS

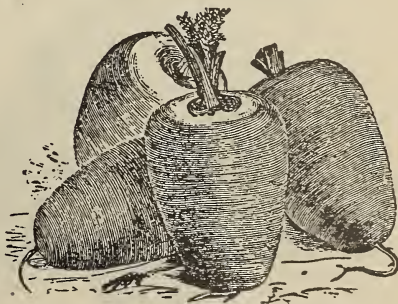
Carotten (Gr.)

Carota (It.)

Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, covering one inch deep, and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart.

Early French Forcing. The earliest variety in cultivation and the best suited for forcing. Tops small, finely divided. The red-dish-orange colored roots are nearly round. When fully matured they are about 2 inches in diameter, but should be used before they are full grown and while young and tender. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Early Short Horn. Excellent for early planting out of doors. Tops small, coarsely divided; roots topshaped, but tapering abruptly to a small tap; skin orange-red. Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.



GUERANDE OR OX HEART CARROT

Special Cash Discount to Market Gardeners



DANVERS CARROT

Guerande, or Ox Heart. Tops small for the size of the roots which are comparatively short but often reach a diameter of 5 inches, terminating abruptly in a small tap root. Flesh bright orange, fine grained and sweet. This variety is especially desirable for soil so hard and stiff that longer rooted sorts would not thrive in it. When young excellent for table use, and when mature equally good for stock. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Danvers. Grown largely on account of its great productiveness and adaptability to all classes of soil. Tops of medium size, coarsely divided. The smooth and handsome roots are deep orange of medium length, tapering uniformly to a blunt point; flesh sweet, crisp, tender and of a deep orange color. Although the roots of this variety are short, they produce as large a bulk as the longer field sorts and are more easily harvested. Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Chantenay. (Coreless) Tops medium sized; necks small; roots tapering slightly but uniformly stump rooted and smooth; color deep orange-red; flesh very crisp and tender. Although this is a medium early sort, it furnishes roots of usable size as early as any, is a heavy cropper and is undoubtedly one of the best for both the market and private garden, while its great productiveness makes it very desirable as a field sort. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Long Orange. The most popular of the older sorts for farm use on mellow soil. An improvement obtained by years of careful selection of the best formed and deepest colored roots. Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00.



CHANTENAY CARROT

White Belgian. Grows one-third out of the ground. Root white, green above ground, with small top. Flesh rather coarse. The roots are of large size and the variety is extensively grown for stock feeding. Oz. 10c; lb. \$1.00.

CAULIFLOWER

Blumenkohl (Gr.) Cavolfiore (It.)

The Cauliflower delights in a rich soil and an abundance of water. Sow seed for an early summer crop in February or March in a hotbed. When plants are three or four inches high, transplant four inches apart in boxes or frames. In the middle of the spring or as soon as deemed prudent, the plants may be removed to open ground. Set plants from 2 to 2½ feet apart each way. For late Cauliflower sow the seed in a cool moist place about June 1st.

Early Snowball. The most popular and profitable of the Cauliflower family. Heads of uniform size, snowy white, very tender, and owing to its attractive appearance a most desirable market variety. Seed grown in Denmark. Pkt. 25c; oz. \$2.00; $\frac{1}{4}$ lb. \$6.00.



Early Snowball Cauliflower

Danish Giant or Dry-Weather. This strain of Snowball Cauliflower is especially valuable for high ground, as it is more vigorous than the Early Snowball, and stands dry weather better. The heads are a little larger than Snowball and mature a week or two later and have more leaves to protect them from sun and frost. Pkt. 25c; oz. \$2.00.

CELERY

Sellerie (Gr.) Sedano (It.)

CULTURE—Celery seed is slow to germinate, and ample time must be given. Sow thinly; cover lightly. Keep constantly moist. Count on about 7,500 plants per ounce of seed, or $\frac{1}{4}$ pound per acre. When the seedling plants are 3 inches high they should be clipped at the top, to favor stocky growth, or else transplanted. Celery is mostly grown under flat culture, without trenches, in rows 4 feet apart, 6 inches apart in row.

Columbia. An exceptionally fine, early variety, is of medium height, but very stocky. Stalks are thick, almost round, are of a rich, yellow color, and its fine flavor and crispness will please the most critical. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

Golden Self-Blanching. This is the very best celery for early use. It is in condition as early in the fall as any, and we have yet to find an extra early sort equal in quality and appearance to our stock of **GOLDEN YELLOW SELF-BLANCHING**. Critical gardeners and consumers generally depend upon this variety to produce their best early celery. Plants of medium size, compact and stocky—with yellowish green foliage. As they mature the inner stems and leaves turn a beautiful golden yellow, so that blanching is effected at a small expense of time and labor. Oz. 85c; $\frac{1}{4}$ lb. \$2.75; lb. \$10.00.

Sutton Pink Plume. The finest of all celery for family use. Pkt. 10c; oz. 50c.

Sutton's Solid White. The finest eating celery known. Crisp, tender, sweet; once used, creates lasting friends. Pkt. 15c; oz. 75c.



Golden Yellow Self-Blanching

Golden Plume Celery. A large early Celery of super-fine quality and appearance. Large heavy stalks with a full, solid heart of golden yellow, easy to blanch, a good keeper, and always of the crisp, brittle and nutty quality so much desired. Shows a marked resistance to blight, so often affecting the early yellow strains. Pkt. 25c; $\frac{1}{4}$ oz. \$1.75; $\frac{1}{2}$ oz. \$3.00; oz. \$5.50.

Wonderful. Authorities pronounce this the best golden self-blanching celery. Matures two to three weeks before any other and blanches in half the time required by others. Large, crisp, tender. No strings. Broad stalk, does not grow hollow, and all of it, including the foliage, is good eating. Marked resistance to blight and rust, earlier maturity, superior keeping qualities. It possesses a fine, nut-like flavor, and is handsome in appearance. We offer the raiser's original strain. Pkt. 25c; $\frac{1}{4}$ oz. 75c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00.

White Plume. A handsome very early sort. In great demand as a market celery, owing to its very attractive appearance. Requires a short time only for blanching. Leaves light green with tips almost white. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.50; lb. \$3.00.

Easy Blanching. A new variety of great merit. The habit is dwarf and compact, with light green foliage which has almost a yellowish hue. It is very easily blanched and might be termed a second-early variety, as it is ready for use to follow Golden Self-Blanching. Stalks pure white, heavy and crisp. Pkt. 10c; oz. 90c; $\frac{1}{4}$ lb. \$2.00.

Winter Queen. This is without question the most valuable variety of celery for winter and spring use, even excelling the celebrated PERFECTION HEARTWELL as a winter keeper. It is thicker and heavier with double the heart of any celery. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Celeriac or German Celery

Large Smooth Prague. The best of all with a large smooth root of splendid quality. Pkt. 10c; oz. 25c.

CHERVIL, Curled, Gartenkerbel

Treat like parsley. A valuable flavoring herb. Pkt. 10c; oz. 20c; lb. \$1.50.

CHICORY OR FRENCH ENDIVE

Cichorien-Wurzel (Gr.) *Cichoria Selvatica* (It.)

Witloof. Known in restaurants as French Endive. Sown in May and June in drills. Transplant or thin to 6 inches; treat as endive, and bank up like celery. The stalks, when blanched, make a delicious salad. Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 75c.

COLLARDS

Blaeterkohl (Ger.)

CULTURE—Same as late cabbage. May be grown directly in the seed rows, or transplanted two feet apart. Best after being touched by frost, which greatly improves flavor and tenderness.

Creole or Southern. Grows 2 to 3 feet high, and forms bunches of tender delicate leaves slightly curled at edges. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

SWEET CORN

Welschkorn (Gr.)

Mais (It.)

A rich, warm, alluvial soil is the best, but excellent sweet corn can be raised on any good, ordinary soil, if it is deeply and thoroughly worked before planting. If planted in rows, make the rows about three and one-half feet apart and place the seed fourteen to sixteen inches apart in the row. If planted in hills, make the hills three feet apart each way, six kernels to the hill. Hoe frequently, and when six inches high leave three or four plants in the hill.

Mammoth White Cory

We consider this the best extra early corn. Ears very large for so early a variety. Stalks about 4 feet high, each generally bearing two large, finely shaped ears which become fit for use as early as those of any variety in cultivation. They are twelve-rowed, 6 to 7 inches long. Grain large, broad, very white and of remarkably good quality. 1 lb. 30c; 2 lb. 60c; 100 lb. \$20.00.

New Golden Bantam.

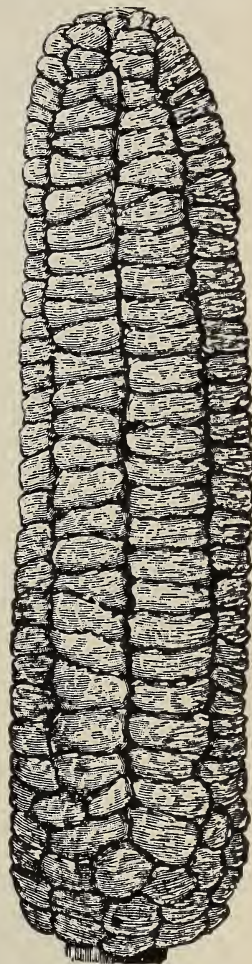
A beautiful golden yellow, sweet and tender. Our new Burbank's 16-row Early Golden Bantam Sweet Corn is the last word on Early Yellow Sweetness in corn.

Burbank, the Wizard, had "a miracle way about him that has proven a blessing to humankind in many ways. It's the best early yellow money making corn on the market known at this time. 1 lb. 35c; 2 lb. 65c; 10 lb. \$2.50; 100 lb. \$22.00

Golden Cream. The ears are ready for use within 85 to 90 days after seeds were sown. Grains are long and pointed, rich cream color when ready, but turn to light golden-yellow when cooked. Pkt. 10c postpaid. Lb. 35c; 2 lbs. 60c; 10 lbs. \$2.50; 100 lbs. \$20.00

Golden Giant. This is the largest of the yellow sugar varieties, the ears measuring up to 8 inches long. The cob is of small diameter, and contains twelve to eighteen rows of long, thick grains which cover the entire surface and are deep orange in color, extremely juicy and sweet. Lb. 35c; 2 lbs. 60c; 10 lbs. \$2.50; 100 lbs. \$20.00.

Howling Mob. This corn originated in Ohio and it became so popular it was given the above name. The endeavor of the originator of this corn, was to get as large an ear as possible, early in the season and of sweet flavor. This corn is of strong and vigorous growth, from 4½ to 5 feet high and has abundant foliage and generally produces two ears to each stalk. Ears measure 7 to 9 inches in length with 12 or 14 rows. The corn is pearly white, usually covered with



GOLDEN BANTAM CORN.

a heavy husk which extends well over the tip of the ears which affords a good protection from worms and birds. 1 lb. 30c; 2 lb. 50c; 10 lb. \$2.25.

Black Mexican. This corn, when in condition for the table, cooks a bluish black. It is surpassed by none in tenderness and is a most desirable second early sort; ears about 8 inches long, usually eight-rowed. 1 lb. 35c; 2 lb. 60c; 10 lb. \$2.50.

Golden Evergreen Sweet Corn. New variety, extra fine, very sweet and tender, and keeps in eating condition longer than most sweet corns. Ten days to two weeks earlier than Stowell's Evergreen. A cross with Stowell's Evergreen and Sweet Orange, which is a second early, yellow, very tender and extra sweet variety. Golden Evergreen has a medium sized ear and stalk, making it a desirable sweet corn for market gardeners. Originated a few years ago by Charles Coolidge, a market gardener of Ontario County, New York. Took first premium at the N. Y. State Fair, in 1916 and 1917, only times exhibited. 1 lb. 40c; 2 lb. 75c; 10 lb. \$3.00.

Early Evergreen. We have tested many samples of Evergreen corn that were claimed to be earlier than Stowell's Evergreen and to be just as good, but we have never found any of them so valuable as the stock of this variety we offer. It has been proven both on our trial grounds and in the field to come into fit condition for use much earlier than Stowell's Evergreen and to remain in condition quite as long. Ears about seven inches long, with fourteen to twenty more or less irregular rows with very deep grain which is of the very best quality. Plants average from six and one-half to seven feet high and in ear resemble those of Stowell's Evergreen, but differ in earliness and we think are more uniform. A standard main crop variety for home garden and market; also well adapted for canning. 1 lb. 30c; 2 lb. 50c; 10 lb. \$2.50.

Stowell's Evergreen. This standard main crop variety excels all other late sorts in sweetness and productiveness. It is more popular than any other for canning, for marketing and for the home garden. Great care has to be exercised in the selection of stock to grow seed from, as this variety has a tendency to deterioration and a shorter grain, which makes it less sugary and desirable. We have a large and growing trade among canners and market gardeners who must have a genuine Stowell's Evergreen, and our stock is known as the safest for all purposes. 1 lb. 30c; 2 lb. 60c; 10 lb. \$2.25; 100 lb. \$20.00.

Country Gentleman. There is no sweet corn that compares with the Country Gentleman for sweetness. It is the variety par excellence where quality is desired. Market gardeners who make a specialty of growing for hotels and high class restaurant trade use this as a main crop in preference to any other. For home use it will be found superior and it is very productive. The fact that it is a favorite variety with canners proves its merit. 1 lb. 30c; 2 lb. 60c; 10 lb. \$2.50.

	Pkt.	½ lb.	1 lb.
Queens Golden	\$.10	\$.20	\$.30
Little Buster or Japanese			
Hulless.....	.10	.20	.30
Black.....	.10	.20	.30
White Rice.....	.10	.20	.30

CORN SALAD

Feldsalat (Gr.) Valeriana (It.)

Large round leaved or small seeded. Oz. 15c; lb. \$1.50.

CRESS or Peppergrass, Kresse

Kresse (Gr.) Agretto (It.)

Cress. Fine for salads. Garden curled. Oz. 15c; lb. 85c.

Water Cress, Dwarf. Fine curled, grows in shallow water. Pkt. 10c; oz. 45c; ¼ lb. \$1.25.

CUCUMBERS

Gurken (Gr.)

Cetriolo (It.)

Culture—Flourish best in a rich, warm, sandy loam. Sow when danger of frost is over in hills four or five feet each way. As the young plant has many enemies sow thickly half an inch deep, and thin out finally to three

or four plants to the hill. Use one ounce of seed to 75 hills, two to three pounds to the acre. Gather cucumbers by cutting, not tearing. Leave none to ripen if you want a full crop.



The Above Shows the True Type of Cucumbers

No. 1, Early Cluster; 2, Long Green; 3, Early Frame; 4, Early Russian; 5, White Spine

Early Cluster. An early and very productive variety. Fruit small, thick at the end, dark green, but lighter at blossom end, borne in pairs or clusters and largely near the root. Used to some extent for pickles. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

Special Cash Discount to Market Gardeners

Early Fortune. Slightly longer than "Arlington White Spine," more cylindrical in shape, with very dark green skin and thick flesh, which is tender and crisp, making it especially good for slicing. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

White Spine Improved, or Arlington. Great bearer; standard for outdoors. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Davis Perfection. A distinct variety of the hardy White Spine type. Fruit large, symmetrical, dark green and thickly set with fine spines. Though especially recommended for pickling, it is valuable for slicing, being of excellent quality. Vine vigorous, prolific, bears a long time. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Long Green. Fruit from 10 to 12 inches long, dark green, very firm and crisp. It is used largely for slicing, but on account of its firmness and crispness is popular with some for pickling and is especially desirable, when mature, for sweet pickles. Vine of strong, vigorous growth, and productive. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.75.

Boston Pickling. A favorite for pickling. Medium size; smooth; light green; productive. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Chicago Pickling. This variety is preferred above all others by some of the largest pickling establishments in Chicago and elsewhere. It is one of the best for the purpose, combining almost every good quality and being alike satisfactory to grower and pickle maker. I have a choice strain of this seed. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Japanese Climbing. Vigorous grower, with strong, grasping tendrils which enable it to climb trellis, netting or brush. Fruit of good size. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

Rollison's Telegraph. A standard greenhouse variety English greenhouse grown stock. $\frac{1}{2}$ pkt. 30c; pkt. 50c.

Small Gherkin. A curious, rough little cucumber, used exclusively for pickling, for which purpose it is in high favor. Makes handsome pickle of first-class quality. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

DANDELION

Broad-Leaved. Extra selected with large broad leaves. An excellent and healthful salad plant. Pkt. 10c; oz. 75c; $\frac{1}{4}$ lb. \$2.00.

Common. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.00.

EGG-PLANT

Eierpflanze (Gr.) Petronciano (It.)

CULTURE—Plant the seed in March in a hotbed, or, for family use, in flower pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows two feet apart each way. They require rich soil and as favorable a location for warmth as the garden will afford. One ounce to one thousand plants.

Black Beauty. Considered the earliest of the large fruited varieties. Color, a rich purple. Pkt. 10c; oz. 50c; 4 oz. \$1.50.

New York Improved Purple. Surpassing all in size of fruit. Standard market sort. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.40.

ENDIVE

"Escarolle" Endivien (Gr.) Endivia (It.)

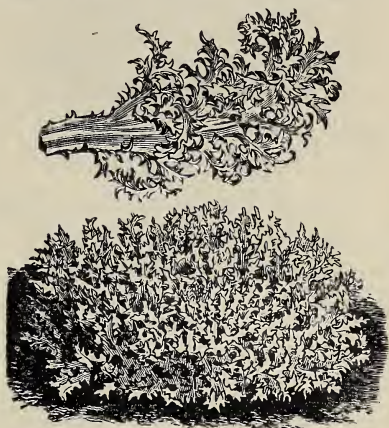
Broad Leaf

CULTURE—Sow as soon as the ground can be worked, in drills 15 inches apart, and thin plants to 6 to 8 inches in a row. To blanch the leaves, gather them carefully together when perfectly dry, and tie with matting or any soft fibrous material. The leaves are very highly esteemed for use as salads. One ounce will sow 150 feet of drill.

London Green Curled. A standard sort. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

White Curled. A beautiful variety, with leaves as finely curled or mossed as the preceding, but of an attractive light green color. Blanches easily and has a most delicious and crisp flavor. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Broad Leaved Batavian. A large summer variety. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.50.



Endive

Fennel, sweet, see Herbs.

Garlic. KNOBLAUCH (Gr.) Sets, lb. 60c. AGILO (It.)

HERBS

Aromatic, medicinal and pot herbs. See page 25.

HORSE RADISH

Roots 10c each; \$3.00 per 100.

KALE or Borecole

Blaetterkohl (Gr.) Cavolo rapa (It.)

Sow in May and transplant in June, and treat generally as for cabbage.

Dwarf Curled Scotch. A standard variety. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c.

Tall Green Curled. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c.

KOHL-RABI

Knollkohl (Gr.) Cavolo rapa (It.)

White, above ground. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 75c.

Purple, above ground. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 75c.

LEEK—American Broad Flag

Lauch-Porree (Gr.) Porro (It.)

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

LETTUCE

Kopfsalat (Gr.) Curled Sorts Lohuga (It.)

CULTURE—Lettuce thrives on nearly all soils, but because the growth should at all times be rapid to insure crispness and best flavor, the soil should be heavily enriched and well worked before planting. Lettuce being quite hardy, sow as soon as ground can be fitted. **Simpson Early Curled.** (White Seeded)—A very extensively used early loose leaved or clustering variety. Leaves light green, slightly frilled and much blistered. Crisp, sweet and tender. Especially adapted for thick sowing. Very fine for poultry feeding. Pkt. 10c; oz. 15c; lb. \$1.25.

Grand Rapids. (Black Seed)—As a greenhouse forcing lettuce this stands at the head of the list. Quick growing, very hardy—not liable to rot. The plant is upright, forms a loose cluster of large thin bright green leaves, savoyed, finely crumpled at the edges. Very attractive and desirable for garnishing. Pkt. 10c; oz. 20c; lb. \$1.75.

Onondaga. This remarkable variety was introduced by us many years ago. A splendid greenhouse sort, slightly fringed, forming a semi-head, a wonderful

**Grand Rapids Lettuce**

shipping and keeping variety, green under glass and of slightly reddish cast when grown in the open. Tender, crisp. Pkt. 10c; oz. 20c; lb. \$2.00.

Cabbage or Heading Varieties

May King. (Seed White.) This is a handsome, extremely early, compact cabbage or heading variety for the home garden and market, forming very firm heads of medium size and excellent quality. The color is light yellowish green, tinged with reddish brown when mature. The inner leaves blanch rich golden yellow, very tender and buttery. The plant is very compact for so large a head. Pkt. 10c; oz. 15c; lb. \$2.00.

**Big Boston Lettuce**

leaves are broad, comparatively smooth but wavy at the edge, very hardy and vigorous. Thin, very hard and crisp. In color bright light green, the head slightly tinged with reddish brown. The inner leaves blanch to an attractive greenish white, tinged with light yellow. It heads up under cold weather conditions better than any other variety. Pkt. 10c; oz. 25c; lb. \$2.00.

Unrivaled. Same as Big Boston, but smaller and earlier. Pkt. 10c; oz. 15c; lb. \$2.00.

Hanson Head. (Seed White.) A very desirable late summer lettuce. The plant is compact and forms a cabbage like head which remains in condition longer than summer-head sorts. Outer leaves bright, yellowish green and broad. Somewhat crumpled and frilled edge and with a distinctive mid-rib. Inner leaves white, crisp and sweet. Pkt. 10c; oz. 20c; lb. \$1.50.

Iceberg or New York Head. Curled or crisp as iceberg, dark green heads somewhat conical. Pkt. 10c; oz. 15c; lb. \$2.00.

Romaine or White Cos. The Cos Lettuce differs in shape from other sorts. Head being elongated and of conical form, about nine inches in height and about six inches in diameter. Outer coloring yellow green. To secure best results it should be tied up. Pkt. 10c; oz. 20c; lb. \$1.50.

Chicken Lettuce. Does not make a head but sends up a stout stalk three to four feet high. Just loaded with leaves. When once cut it starts to grow again. Pkt. 10c; oz. 20c; lb. \$2.00.

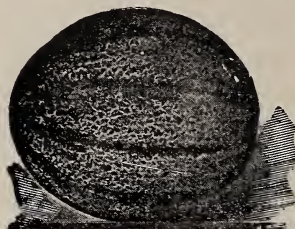
Big Boston This market variety is very popular for outdoor culture and is also in demand as a compact, large heading, forcing sort for cold frames. The plants are large, very hardy and vigorous. The

MUSKMELON

Melone (Gr.) Popone (It.)

The Muskmelon succeeds best in warm, rich soil. While both plant-food and humus are necessary to all plants, all vines require an extra amount. Manure contains both, while rotted turf and commercial fertilizer combined supply both. If manure is used it should be well rotted, finely pulverized and evenly distributed through the soil.

Hoodoo Muskmelon. As a Muskmelon for the private garden, this variety will surely please all who plant it. The vines make a strong and vigorous growth, which enables them to withstand disease and produce an abundant crop of the most delicious muskmelons one can imagine. The melons are not large, but of convenient size, and present a fine appearance. The rind and flesh at blossom end are very firm, the skin is thickly netted, and the flesh a rich, deep orange color, fine grained and of remarkable sweetness. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

**Rocky Ford Muskmelon**

green, thick, very sweet and of rich flavor. Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

Benders Surprise. A fine variety of exceptional merit. The fruits are round and deeply ribbed and finely netted. A salmon fleshed, thick meated, delicious in flavor. Pkt. 10c; Oz. 20c; ¼ lb. 60c; lb. \$2.00.

Extra-Early Hackensack. Fruit of good size, nearly round. Flesh green, a little coarse, but very juicy and sweet, and of good flavor. Vine very productive. Pkt. 10c; oz. 15c; lb. \$1.50.

Miller's Cream Osage. Larger than Emerald Gem; nearly round in form, but having the same distinct dark green skin with lighter bands between the ribs, and thick, firm, orange flesh of fine quality. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

Honey Dew Melon. "Sweetest Melon Ever Grown." The rind is a dull white when ripe. Part of the melon shows a slight check in the rind like a tendency to net. This appears when the melon is ready to pick. The size runs from six to seven inches in diameter from top to bottom, and eight inches in length. The matured melons are practically all of the same shape and size. Flesh is a light green and is almost honey sweet. This melon will keep several weeks. This is one of the best market melons known. Vines vigorous, and produce six to ten fine melons to the hill. Pkt. 10; oz. 20c; ¼ lb. 60c; lb. \$2.00.

Emerald Gem. A splendid early variety, coming in just ahead of Rocky Ford; fruits deep emerald green in color, globular or slightly flattened, irregularly and distinctly ribbed and lightly netted; flesh very thick, sweet and of a deep, rich salmon yellow, having an exceedingly small seed cavity. One of the best melons for the home garden and local market, but not a shipper. Pkt. 10; oz. 15c; lb. \$1.50.

WATERMELON

Melone (Gr.) Popone (It.)

Sweet Heart. Introduced in 1894 and is very popular as a shipping melon particularly in the South. Vine vigorous and very productive, ripening its fruit evenly. Fruit of largest size, oval, very heavy, rind thin but firm; color very light green, very slightly veined with a little darker shade. Flesh bright red, firm but very tender and sweet. Fruit remains in

good condition a long time after ripening. Seed black. Our stock will be found very uniform in shape, size and color. Pkt. 10c; oz. 15c; lb. \$1.00.

Cole's Early. An early, oval shaped variety. Large heart, flesh of fine texture and good flavor. It grows to a medium size, and the skin is green with light stripes. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Harris' Earliest. This excellent watermelon grows rather large for an early variety, slightly oval in shape, skin mottled light and dark green. It is uniform in size and shape; the flesh is solid, bright red, very tender and sweet. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Fordhook Early. Fordhook Early Watermelon will ripen in sections too cool to grow a good crop of any other watermelon. There is no other melon of such large size which can make this claim. If you have been under the impression that you could not grow watermelons in your garden on account of the short season and comparatively cool weather, we would suggest that you make a trial with Fordhook Early. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

MUSHROOM SPAWN

Large, vigorous and finely flavored mushrooms, either French or English. Brick about $1\frac{1}{4}$ lbs. 75c.

MUSTARD

White English. Leaves comparatively small and smooth, deeply cut or divided and of medium dark green color. Plant upright, of rapid growth and soon bolts to seed. Leaves, when young, are mild and tender. Seed light yellow and larger than that of other varieties. Pkt. 10c; oz. 15c; lb. 60c.

Southern Giant Curled. Leaves large, light green with tinge of yellow, much crimped and frilled at edges. Plant upright or slightly spreading in growth. Highly esteemed in the South for its vigorous growth, hardness and good quality. Seed small, reddish brown to nearly black. Pkt. 10c; oz. 15c; lb. 75c.

NASTURTIUM—See Flower Seeds

Tall Mixed Garden. Sometimes called Indian Cress. Grown not only for ornament but the beautiful orange colored flowers and foliage are used for garnishing and the young leaves or shoots are excellent for salads. The green seed pods are greatly esteemed by many for use in mixed pickles. Early in spring sow, preferably in rather light soil, in rows 3 feet apart and 2 inches apart in the row, covering one inch deep. When the young plants are about four inches high thin to six inches apart in the row. The vines can be supported if so desired by stakes, strings or brush. Oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

OKRA OR GUMBO

The young seed pods are used in soups, stews, cat-sups, etc. Highly esteemed in the South. After danger of frost is past, the ground being warm and in good condition, plant in rows about two and one-half feet apart, covering with about an inch of fine soil firmly pressed down. When about three inches high, thin to about one foot apart in the row. Cultivate and keep free from weeds. The pods are in best condition for use when from one to three inches long.

White Velvet. Plant is about three and one-half feet high, early maturing and very productive. Pods white, long, smooth and are tender until nearly full sized. Pkt. 10c; oz. 15c; lb. 75c.

ONIONS

Zwiebel (Gr.) Cipollio (It.)

HOW TO RAISE ONIONS

Sowing the Seed. This should be done as soon as the ground can be made ready and can be done best by a hand seed drill. This should be carefully adjusted

to sow the desired quantity of seed about one-half inch deep. The quantity needed will vary with the soil, the seed used and the kind of onions desired. Thin seeding gives much larger onions than thick seeding. Four or five pounds per acre is the usual quantity needed to grow large onions. We prefer a drill that sows a very close row.

Prizetaker. Grows to an immense size and for fall marketing is unexcelled. Although of such great size, it is very hardy and a fair winter keeper, as it ripens up hard and firm; very fine grained, and of mild, delicate flavor. The outside skin is rich yellow while the flesh is white. Pkt. 10c; oz. 25c; lb. \$2.50.



Yellow Globe Danvers Onion

Southport White Globe. This grows to a very large size and is a perfectly globe-shaped onion. Color is a clear pure white. This variety is used by the market gardeners for bunching. Pkt. 10c; oz. 30c; lb. \$3.50.

Early Flat Yellow Danvers. A good variety, but not as round or quite as early as the Yellow Globe Danvers. Very productive. Oz. 20c; lb. \$2.00.

Southport Yellow Globe. A large, perfectly shaped Globe onion and an excellent onion for keeping throughout the winter. A very heavy cropper, handsome in appearance and good dark yellow color. Pkt. 10c; oz. 25c; lb. \$2.50.

Yellow Globe Danvers. This fine onion is of large size. An early and abundant cropper. Bulbs very thick, flat or slightly convex bottoms, full oval top with small neck and rich brownish yellow skin. Pkt. 10c; oz. 25c; lb. \$2.50.

Southport Red Globe. This is a fine keeper. Large size and considered one of the best red onions. Flesh is fine grained, very mild and tender. Pkt. 10c; oz. 25c; lb. \$2.50.

Brown Bottom Sets. Treated precisely as top onions are, setting them out in the spring instead of sowing seed. Qt. 30c; per bu. \$4.00.

Yellow Bottom Sets. Like the preceding except in color and used in the same manner. Qt. 40c; per bu. \$4.00.

White Bottom Sets. These do not keep as well as the brown or yellow, but produce beautiful white onions early in the season. Per qt. 30c; per bu. \$4.00.

Prices of all onion sets are subject to fluctuations of the market throughout the season, or as long as our stock lasts.

Special Cash Discount to Market Gardeners
Prices Subject to Change Without Notice

White Portugal. American Silver Skin. This is the best sort to sow—for onion sets or for pickling. When sown thickly for either it makes a small, round, hard bulb. Pkt. 10c; oz. 30c; lb. \$3.25.

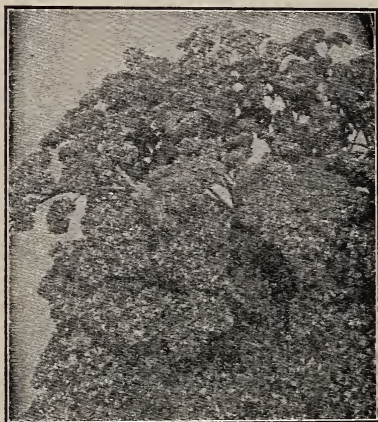
Ailsa Craig. A handsome globular variety, growing to an enormous size, with pale yellow skin, flesh white, a good keeper and valuable for exhibition purposes. Very fine for home gardens. Pkt. 10c; oz. 25c; lb. \$3.00.

Large Red Wethersfield. We have a very fine and select strain of this sort. Color is deep purplish red, flesh white, moderately grained and very firm. Yields an enormous amount per acre, and is one of the best winter keeping onions. Pkt. 10c; oz. 25c; lb. \$2.25.

PARSLEY

Petersille (Gr.)

Prezzemolo (It.)



Double Curled Parsley

CULTURE—Sow seeds in shallow drills in the early Spring for border, or in rows 12 to 13 inches apart, care being taken that the drills be not more than one-half inch in depth, and that the seed be well pressed down after sowing, as the seed germinates very slowly, three to five weeks elapsing sometimes before it makes its appearance. Use one ounce to 150 feet of drill, three pounds to an acre. Cultivate frequently.

Plain Parsley. The leaves of this variety are flat, deeply cut but not curled. Very desirable for flavoring soups and stews and for drying. It is a favorite on account of its very dark green leaves, as well as its hardness. The curled sorts are very extensively used for garnishing. Pkt. 10c; oz. 15c; lb. \$1.00.

Champion Moss Curled. This is a vigorous, compact growing variety, excellent for garnishing and flavoring. A handsome decorative plant. Leaves very finely cut and so closely crisped or curled as to resemble bunches of moss. Fine deep green color and very attractive foliage. Pkt. 10c; oz. 15c; lb. \$1.25.

PARSNIPS

Pastinake (Gr.)

Pastinaca (It.)

CULTURE—Sow in early Spring, in rows two to three feet apart, thin to four or six inches in the row. One ounce of seed will sow 200 feet of drill, four to five pounds per acre in drills two and one-half feet apart. Cover the seed one-half inch. Use rotted manure and fertilizer. Parsnips may be left in the ground all winter.

Improved Hollow Crown. This really is the greatest old-time favorite among the parsnips and has a host of friends which it will never lose. It is very smooth, white, with a very thick shoulder and tapering down to a graceful point. One of the best known, none better. Pkt. 10c; oz. 15c; lb. 90c.

Special Cash Discount to Market Gardeners

Plenty of Good and Safe Parking Space at our Branch Store and Warehouse, 538-540 Canal Street



Hollow Crown Parsnip

Guernsey (Same as Hollow Crown.) Greatly improved strain. The roots do not grow as long as the Hollow Crown, but are of greater diameter and very easily gathered. A very heavy cropper. Roots very smooth. Flesh fine grained and of excellent quality. Pkt. 10c; oz. 15c; lb. \$1.00.

PEAS

Erbesen (Gr.)

(Piselli It.)

For early peas the soil should be light and warm, but for general crop a moderately heavy soil is better. Fresh manure and very rich or wet mucky soil should be avoided, as they cause a rank growth of vine at the cost of the quality of the peas; such soil is often the cause of early sorts maturing unevenly. Sow as early as possible a few of some early variety on warm, quick soil, prepared the fall before, planting in double rows six to eight inches apart and two and one-half to four feet between the double rows. The general crop can be delayed until later, but we have met with better success from sowing all the varieties comparatively early, depending for succession upon selecting sorts that follow each other in maturity.

Earliest of All, or Alaska. By careful selection and growing we have developed a stock of this smooth blue pea of unequaled evenness in growth of vine and early maturity of pods which are filled with medium sized, bright green peas of good flavor. Vines of medium height, about two and one-half to three feet and of distinctive light color. Pods of good size, about two and one-half to two and three-fourths inches long. Seed small, smooth, and bluish green in color. Matures all the crop at once and is an invaluable variety for market gardeners and canners. Lb. 30c; 2 lb. 55c; 10 lb. \$2.00; 100 lb. \$17.00.

American Wonder. Vigorous and productive vines, with a luxuriant foliage, and producing the leaves on one side of the stock, growing from 9 to 12 inches high. On account of its dwarf habit of growth it is very desirable for private garden use. Pods are light colored, straight, round, about two and one-half inches long and blunt at the end. Fit for picking seventy-five days after planting. Seed is wrinkled, green, medium sized and square at the end. Lb. 35c; 2 lb. 60c; 10 lb. \$2.25; 100 lb. \$18.00.

Nott's Excelsior. Resembling Gems in habit, but more dwarf and uniform in growth, height 12 to 17 inches, with rather light foliage. Pods are light in color, round, about two and one-half inches long, blunt at the ends. Fit for picking seventy-seven days from planting. Seed green, wrinkled, medium sized and square at the ends. Lb. 30c; 2 lb. 50c; 10 lb. \$2.25. Nott's Excelsior, Marvelous and Smith Excelsior are the same.

Little Marvel. We are sure that as soon as American gardeners, whether for pleasure or profit, become acquainted with Little Marvel they will drop both Little Gem and Nott's Excelsior, popular as these two varieties are today. The vines, of dwarf even growth, average fifteen inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average two and one-half inches in length, are square at the bottom and well filled with six to seven quite large, deep green peas. The peas are ready for the table fully as early as American Wonder or Nott's Excelsior, while the pods are larger and the vines produce a much heavier crop. All who desire a fine early crop of the choicest quality of wrinkled peas will be delighted with Little Marvel. Lb. 35c; 2 lb. 60c; 10 lb. \$2.50; 100 lb. \$20.00.

Premium Gem. Desirable, early, green, wrinkled, dwarf variety similar to but better than McLean's Little Gem. The vine is very productive and grows to a height of from fifteen to eighteen inches. The pods are of medium size and crowded with six to eight very large peas of fine quality. The seed is green, large, wrinkled, often flattened. Lb. 30c; 2 lb. 55c; 10 lb. \$2.25; 100 lb. \$17.00.

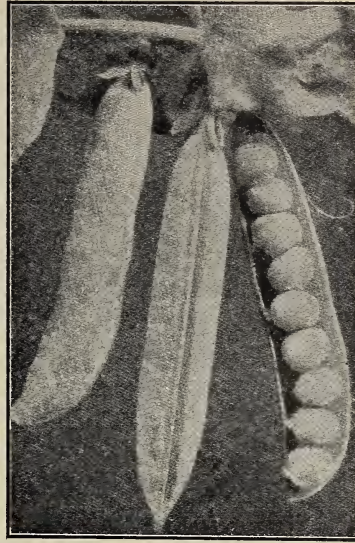
Gradus. A very early, wrinkled pea. Vine similar in appearance to Telephone, but of medium height, only about three to three and one-half feet. The pods are very large, about four and one-fourth inches long, very nearly as large as those of Telephone, uniformly well shaped, pointed, handsome and more attractive than those of the first earlies. Peas very large, of splendid quality and beautiful light green color which they retain after cooking. Practically the same as Prosperity Lb. 30c; 10 lb. \$2.50; 100 lb. \$20.00.

Thomas Laxton. A very early, wrinkled variety of great merit. Vine vigorous, of medium height, about three feet, similar to that of Gradus, but darker in color, hardier and more productive. Pods large, often four inches long, with square ends, similar to but larger, longer and darker than those of Champion of England and as uniformly well filled. The green peas are very large, of fine deep color and unsurpassed in quality. We are certain that the earliness and productiveness of this pea need only to be known to make it one of the most popular sorts for the market and home garden, as in appearance and quality it is one of the very best varieties yet produced. Lb. 35c; 2 lb. 60c; 10 lb. \$2.50; 100 lb. \$20.00.

Second Early Varieties

Alderman. This comparatively new pea is in many respects the very best early main crop variety of the valuable Telephone type. The vines are tall growing, about four and one-half to five feet high, dark green, vigorous and exceedingly productive. Pods of largest size, often five to five and one-half inches long, dark green, similar to but a little larger and a shade darker in color than Duke of Albany and about the same in season. The peas are of largest size and unsurpassed in quality. Market gardeners are demanding the large podded, dark colored sorts which retain their fine appearance even after shipping a long distance. The Alderman answers these requirements and furthermore is the most productive variety of this class. We recommend it unreservedly. Lb. 30c; 2 lb. 50c; 10 lb. \$2.25; 100 lb. \$19.00.

Telephone. This has become the leading pea with the market gardeners whose trade appreciates fine appearance and high quality. Vines tall and vigorous, growing about four feet high, with large, coarse, light colored leaves and producing an abundance of pointed pods of largest size, often four and one-half to five inches long, attractive bright green, filled with very large peas which are tender, sweet and of excellent flavor. It comes into use soon after the Premium Gem and is one of the best sorts for either home or market. Lb. 30c; 2 lb. 55c; 100 lb. \$19.00.



Telephone Peas (Dark Green Pods)

Duke of Albany. A most valuable variety of the Telephone type; remarkably hardy in growth, producing dark green pods of large size, well filled with extra large sweet peas. The vines grow three feet in height and are very productive. Lb. 30c; 2 lb. 55c; 100 lb. \$19.00.

Later Varieties

Horsford's Market-Garden. The vines of this variety are of medium height, about three feet, hardy and very productive, giving the greatest number of pods of any on our list. The foliage is dark green and the leaves are small. The pods are of medium size, about two and three-fourths inches long, each containing five to seven medium sized sweet, dark green peas which retain well their color and sweetness after canning. Seed wrinkled and of medium size. Lb. 30c; 2 lb. 55c; 10 lb. \$2.25; 100 lb. \$17.00.

Champion of England. A very productive variety universally admitted to be one of the richest and best flavored of the late peas. The vines are four to five feet high. The seed is light green and much shriveled. Very inferior and mixed stocks of this sort are frequently offered, but when the seed is as well grown and selected as that which we offer we consider the variety equal in quality to any in cultivation and one of the best of its season, either for the home garden or market gardener. Lb. 30c; 2 lb. 55c; 10 lb. \$2.00.

Melting Sugar. (Edible pods) There is a class of peas not generally known in this country but much used abroad in which the sweet, brittle and succulent pods have none of the tough, inner lining found in the ordinary varieties of garden peas. They are used in the same way as snap or string beans. Lb. 35c; 2 lb. 60c.

Potlatch or Improved Stratagem. Strong, vigorous vines of even growth, 20 to 24 inches in height, with luxuriant dark foliage, bearing pods medium green in color, three and one-half to four inches in length. Broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. The Potlatch is a variety from which anyone may expect great things. Fit for table use 61 days from planting. Seed green, wrinkled, large in size. We consider ourselves very fortunate in having secured and introduced this pea. Lb. 30c; 2 lb. 55c; 10 lb. \$2.25.

To Prevent Damage from Pea Louse. Sow a strip of turnip seed about five feet wide around the field of peas, which will attract the pea louse, and will feed upon the turnip instead of the peas; thus preventing the destruction of the crop. Sow early turnips with Early Peas and late turnips with Late Peas. This has been given to us by an expert grower, who claims it to be a sure remedy.

Prices Subject to Change Without Notice

PEPPER

Pfeffer (Gr.) Peperone (It.)

Peppers are most largely used for seasoning meat and vegetable dishes; also for making chow chow and chili sauce. The culture is the same as for egg plant and the plants need quite as much heat to perfect them. Sow seed early in hotbed, or about middle of spring in open seed bed, the soil being light and warm. When three inches high transplant in rows about two and one-half feet apart and two feet apart in the row.

Worldbeater. This is the finest large pepper yet introduced. A cross between Chinese Giant and Ruby King, as early as Ruby King and similar in shape, but broader at blossom end, almost the size of Chinese Giant and far more prolific, some plants producing as many as twenty-four marketable peppers, exceptionally mild, can be eaten raw without fear of burning. Color of fruit green at first, turning to a beautiful shade of scarlet. Flesh thick, which enables it to hold up a long time and makes it an excellent shipper. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

Giant Crimson. The earliest maturing of the extremely large, red sweet peppers and surpassed by none in evenness of size and shape. The plant is vigorous, two and one-half to three feet high. The fruits are of the largest size, ripen earlier than any of the other very large sorts. Color deep green when young, deep crimson when matured; flavor very mild. Oz. 60c; ¼ lb. \$1.75.

Pepper-Tomato. A wonderful new creation among vegetables. See picture and description on page 25. Pkt. 25c.

Large Early Neapolitan. Decidedly the earliest of all large, mild, red peppers and the most productive of all large peppers. The fruit measures 4 inches long and 4½ inches in circumference. The strong, vigorous plants grow 2 feet high by 18 inches across; they are heavily laden with large handsome fruit and bear continuously until frost. Single plants carry from 35 to 50 marketable fruits at one time. Skin and flesh bright red; mild as an apple. Pkt. 10c; oz. 60c; ¼ lb. \$2.00.

Long Red Cayenne. A well known medium early variety having a slender, twisted and pointed pod about four inches long. Color deep green when fruit is young, bright red when ripe. Extremely strong and pungent flesh. Pkt. 10c; oz. 40c; ¼ lb. \$1.25.



Bell or Bull Nose

with thick, mild flesh of excellent quality for use in salads and mangoes or stuffed peppers. The color is deep green when fruit is young, bright crimson when ripe. Slightly pungent. Oz. 40c; ¼ lb. \$1.00.

Ruby King. An improved American variety, very large and attractive. The plant is about two and one-half feet high, vigorous, compact and productive. The fruits are often four to four and one-half inches long and of deep green color when young, bright red

Large Bell, or Bull Nose. Our stock of this well known variety, sometimes called Sweet Mountain, is very superior. Plant vigorous, about two feet high, compact and very productive, ripening its crop uniformly and early. The fruits are large,

when ripe. The flesh is thick and mild flavored. One of the best varieties for mangoes or stuffed pepper. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

Chinese Giant. Plant dwarf, fruit of mammoth size, very broad, yet rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. Our stock is pure and is as good as can be obtained. Pkt. 10c; oz. 60c; ¼ lb. \$2.00.

Pimiento Pepper. The sweetest pepper grown, as it does not contain the slightest trace of fireiness. The plants are productive and peppers medium size and of a shape which is desirable for stuffing, prepared in which manner they are delicious. It may also be used in salads and for flavoring. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

Golden Queen. Of all the yellow-fruited peppers, Golden Queen is the largest, most productive and finest. The fruit is quite large, unusually meaty, and strictly mild. Rich and glossy golden yellow skin. Our strain of this fine yellow pepper is particularly fine. Pkt. 10c; oz. 50c; ¼ lb. \$1.75.

POTATOES

Kartoffel (Gr.) Patate (It.)

Plant beans in potato hills. Will keep off the bugs and make a crop of beans.

Early Ohio. "True to Name" Red River Valley Early Ohio Seed Potatoes, the earliest of all and "The King of the Earlys." Bu. \$4.00.

Irish Cobbler. Is the best early white potato grown. The tubers are smooth, round, plump and handsome. The flesh is white and of splendid quality. Bu. \$4.00.

True Early Rose. The Early Rose is the old standard early potato; rosy bluish skin, white flesh; early, productive, and of excellent flavor. Bu. \$4.00.

Late Russet. Most vigorous grower and an immense yielder. It is bug proof and blight proof. Has a russet skin; flesh white as snow. A fine cooker. The most valuable late sort on the market. Bu. \$3.75.

Carman No. 3. Another large, round, white, main crop potato; tubers are very large, eyes are shallow and few in number, and it is an immense yielder. Bu. \$3.75.

PUMPKIN SEEDS

Melonen-Kuerbiss (Gr.) Zucca (It.)

Connecticut Field, per oz. 10c; lb. 65c.

Small Sugar Pie Pumpkin, fine for table. Pkt. 10c; oz. 15c; lb. \$1.00.

Winter Luxury, fine table. Pkt. 10c; oz. 15c; lb. \$1.00.

Quaker Pie. Pkt. 10c; oz. 15c; lb. \$1.00.

RADISH

Radies (Gr.) Ravanello (It.)



Radish Small Top—New Deep Scarlet Turnip

Being a root crop, good brittle radishes require light, well-worked soil, made very rich and mellow. They are easy to grow and frequent plantings will insure a constant supply for the table. Summer varieties can be sown all spring and well into summer. Winter varieties should be planted in August and September.

Radish—The Onondaga

The perfect radish—an early scarlet globe, forcing and outdoor variety. This very fine and improved type of bright scarlet Globe Radish will prove a splendid addition to our line of radishes. It is equal to the best of the Early Forcing Globe type, but a much better yielder, producing practically 100 per cent perfect radishes. This is the reason why it appeals to the market gardener. It is the best money maker of all the scarlet radishes listed in recent years. Our stock is limited and we hope our gardeners will take advantage of the stock while it lasts. Pkt. 10c; oz. 15c; lb. \$1.00.

Prices Subject to Change Without Notice

Special Cash Discount to Market Gardeners.

Vick's Scarlet Globe. This grand radish has established a reputation as a forcing sort. Its peculiarity is that it will bear the heat requisite for forcing without becoming pithy or suffering injury to its flavor. Its color is a rich scarlet. It has a small top and is a high bred radish. Pkt. 10c; oz. 15c; lb. \$1.00.



French Breakfast

French Breakfast. Olive shaped. A popular variety for market for forcing. It is about two inches long and decidedly stump-rooted. Color, bright rose with bottom of root and the tail pure white. Pkt. 10c; oz. 15c; lb. \$1.00.

Brightest Long Scarlet. A very showy, long variety, is thick at the shoulder and tapering. Bright rose scarlet with distinct white top. Oz. 15c; lb. \$1.00.

White Vienna or Lady Finger Variety. A handsome white variety, about 5 inches long, with sloping top and pointed root. Quick growing, brittle, and mild snappy flavor. Pkt. 10c; oz. 15c; lb. \$1.00.

White Strasburg. A white radish, of large size, good quality, and ability to resist severe heat. I always recommend White Strasburg for summer planting. It will grow solid, with good flavor, when others fail. Popular with market gardeners. Pkt. 10c; oz. 15c; lb. \$1.25.



Chinese Rose Winter

Winter Varieties

Giant Stuttgart. This mammoth white radish is the largest of the turnip shaped sorts. It has solid, crisp, pungent flesh, and is highly prized by people demanding a radish of high flavor. Both skin and flesh are pure white. It should be given plenty of space in the row. Pkt. 10c; oz. 15c; lb. \$1.00.

Chinese White Winter, or Celestial. (or Cal. Mammoth White Winter.) The well-known and popular winter variety. Clear white, about four inches long and half stump-rooted. Keeps firm and crisp until it runs to seed. Is a good cooking variety, and when cooked the flavor resembles turnip. Pkt. 10c; oz. 15c; lb. \$1.25.

Chinese Rose Winter. A bright scarlet winter variety. About four inches long and stump-rooted. Matures two or three weeks earlier than the Chinese White Winter and like it is firm and crisp and does not grow pithy until it runs to seed. Pkt. 10c; oz. 15c; lb. \$1.25.

Round Black Spanish. A winter variety, with black skin and white flesh. It is top-shaped or almost globular. Pkt. 10c; oz. 15c; lb. \$1.25.

Black Spanish, Half Long. A shorter, olive shaped variety with half stump-root and sloping top. Oz. 15c; lb. \$1.25.

RHUBARB

Rhabarber (Gr.) Rabarbara (It.)

Victoria. A good market sort, with beautiful red stalks. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

Roots. Price on application.

SAGE

A hardy perennial shrub, with whitish-green, oval, and very much wrinkled leaves, which have a pleasant smell and which are used for seasoning. It is easily grown and the seed can be sown almost any time. Oz. 50c.

SALSIFY OR VEGETABLE OYSTER

Haferwurzel (Gr.) Sassefrica (It.)

CULTURE—Sow early and deeper than parsnip, otherwise culture is the same. Roots, if desired, may be left in the ground through the winter, but dug early in the spring.

Mammoth Sandwich Island. Larger, of stronger growth, and less liable to grow prongy than the old Long White. Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. \$2.25.

SPINACH

Spinat (Gr.) Spinace (It.)

King of Denmark. Also known as "Antvorskov." This new variety is undoubtedly the most valuable introduction of spinach in recent years. Although the plants are ready for use almost as soon as the medium early sorts they remain in good condition from a week to two weeks after all other varieties have gone to seed. The plants are of rapid growth, resemble the Long Season in type but leaves are more crumpled or blistered and are of darker green color. The leaves are thick, stand well after cutting and are of good quality. We believe this variety will in a few years be one of the leading sorts as its distinctive qualities are sure to win favor for it from both the home and market gardener. Oz. 15c; lb. 60c.



LONG SEASON SPINACH.

Long Standing. A deep green variety with rather elongated smooth leaves. Seed, round. Stands a long time without running to seed. Oz. 10c; lb. 50c.

Victoria. A long-standing variety with round, slightly savoyed leaves. Deep green and hardy. Forms good, edible leaves early and continues to produce leaves for a long period. Oz. 10c; lb. 50c.

Bloomsdale Savoy. The variety most generally used in the East, and especially throughout the South for shipping. Leaves large, round and thick, very much savoyed and rich deep green. One of the earliest varieties. Seed round. Oz. 10c; lb. 50c; 10 lb. \$2.75.

New Zealand. A plant with thick, fleshy texture and soft crystalline leaves. Is not like the ordinary spinach in appearance, but it is used in the same way. Oz. 15c; lb. 85c.

SQUASH

Kuerbiss (Gr.) Zucca (It.)

The summer varieties come into use early in the summer, but being sensitive to frost the seed cannot be sown until late in April. The seed should be planted in hills four feet apart, using four ounces to 100 hills. The winter varieties are also unable to resist frost, and should be planted at the same time. The fruit does not mature until late in the fall, and, having a very firm, hard shell, keeps well, and with a little care squashes can be had all winter and until late in the spring. In gathering winter squashes, it is important to protect the stems, since if broken off the fruit will not keep so well. Plant in hills six to eight feet apart, using two or three seeds to the hill. Use eight ounces to 100 hills, or two pounds to an acre. Moderately rich soil will grow good squashes.

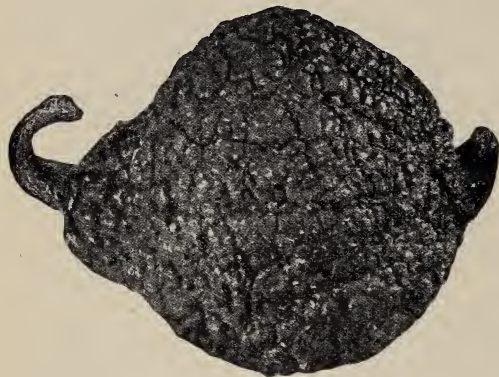
Prices Subject to Change Without Notice

Mammoth Summer Crookneck. A large golden-yellow variety, thickly warted; is eighteen inches long, brittle and tender. Plants are bushy and very prolific. This is an improved strain of the old variety and considerably larger. Pkt. 10c; oz. 15c; lb. \$1.50.

Burpee's Fordhook Squash. A most desirable running variety for both summer and winter use. The vines are of strong, vigorous growth and wonderfully productive. Fruit oblong in form, eight to ten inches in length, slightly ridged, smooth thin yellowish skin; flesh very thick and of a light straw yellow. If gathered young for cooking, no other squash approaches it in flavor, while if allowed to ripen on the vine they can be stored and will keep in excellent condition until late the following June. Either for baking like sweet potatoes or making pies during the winter the quality is unsurpassed. Oz. 15c; lb. \$1.50.

Mammoth White Bush Scallop. An improvement on the old variety, larger, pure white and superior in quality. Pkt. 10c; oz. 15c; lb. \$1.25.

Boston Marrow. This is a very productive fall and winter variety of medium to large size, oval shape, and thin skin. It is much used for canning and making pies. The fruits when ripe are bright orange with a shading of light cream color. The flesh is of rich salmon yellow color, fine grained and of excellent flavor, but not as dry as the Hubbard. Same as Golden Hubbard. Oz. 15c; lb. \$1.50.



Hubbard Squash

Blue Hubbard. This excellent squash of the Hubbard type is light blue in color, with hard shell and thick, fine grained flesh, which is very tender and by far the sweetest and best flavored of the winter squash. This variety is very popular in the East, and brings a higher price than any other. We have the true stock. Pkt. 10c; oz. 15c; lb. \$1.75.

Golden Hubbard. A distinct sort, of the shape and general character of the Hubbard, but a little smaller, earlier to mature, and a rich orange-red instead of the dark olive green of the old Hubbard, while the flesh, which is thick, is a little deeper colored, of fully as good quality, fine-grained and dry. Oz. 15c; lb. \$1.25.

Hubbard. This is a distinct strain of the famous Hubbard and is an ideal winter squash for marketmen. The shell is a dark green in color, the flesh dry and sweet in flavor. It grows to large size, is a fine keeper and shipper, its cooking qualities unsurpassed. Oz. 15c; lb. \$1.50.

SWISS CHARD

Giant Perpetual ("Cut-and-Come-Again") Spinach Swiss Chard. This, though a variety of Chard, is to all practical purposes a giant spinach, the huge curled leaves being tender and cooking readily, with a decided spinach flavor. Its great merit is that it will supply the greens from spring until late in the fall. The large midribs can be cooked and served like asparagus. If wanted for greens cut when 6 inches high just above ground and it will grow out again. Oz. 15c; lb. \$1.25. (See Beets.)

Squash Bugs—Spray Pyrox with an under-leaf up-turned nozzle—sure death.

TOBACCO SEED

Havana Tobacco Seed, oz. 50c; per pkt. 10c.

TOMATO

Liebesapfel (Gr.) Pomodori (It.)

As tomatoes are very sensitive to frost, they cannot be set in the open field until about May 1st. The seed must be sown in well protected hotbeds, sowing same about March 1st. A hardy and stocky plant is had by transplanting the small plants in the bed a few weeks before transplanting to the field. Or when about four inches high, the top may be pinched off and the plant grows stockier.

Sow the seed broadcast, using one ounce to about three square feet of area, which will yield plants enough to set an acre. In the field set tall varieties six feet apart and dwarf varieties three feet apart. A slight trellis is advisable in the garden. A moderate amount of water should be applied at the roots at regular intervals.

Earliana (Sparks) The earliest tall variety, forming ripe fruit much earlier than any other variety. The fruit is large, smooth, of a bright scarlet color, and of fine quality. Very valuable for early market use. Pkt. 10c; oz. 40c; ¼ lb. \$1.00.

John Baer. A remarkable new variety of the extra early red or scarlet type. Not quite so early as Earliana, though there are only a few days difference, and John Baer yields a much heavier crop of larger, more uniform and more attractive fruits. Most profitable extra early sort. Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

Bonney's Best Early. An extra early variety having great favor with the market gardeners. Vines vigorous and productive, fruit solid without hard core. Color bright scarlet. Fine, early, handsome, especially profitable for market gardeners' use. Pkt. 10c; oz. 35c; ¼ lb. \$1.00.



Chalk's Early Jewel

Chalk's Early Jewel. A wonderful new variety, in that it is early and bears continuously throughout the season. The fruit is large, smooth, uniform, and well ripened clear to the stem, and the flavor and quality are especially fine. Color Bright scarlet. Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

Livingston's Dwarf Stone. Another splendid new variety from Livingston. This is what he says of it: "The same sort of tomato as Dwarf Champion, but the vine is of stronger growth, and the vine is potato leafed—heavy stem fruit—round red, of medium size. It is equally early, is equally prolific. It is very solid, ripens very evenly and is of excellent quality. Pkt. 10c; oz. 60c; ¼ lb. \$1.50.

Special Cash Discount to Market Gardeners

TOMATOES—Continued

Dwarf Champion. A dwarf variety, sometimes called the tree tomato on account of its upright growth and its ability to stand alone without trellising. Fruit medium-sized, smooth, uniform, and of a purplish carmine color. Oz. 60c; $\frac{1}{4}$ lb. \$1.50.

Matchless. A tall-growing, prolific variety with large fruit, which is rather flattened, smooth and uniform. Color, bright scarlet. For canning and general main crop market, there is no better tomato grown. Extra selected strain. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.25.

Ponderosa. An extremely large, irregular-fruited variety. Vine tall, and fruit very solid and purplish-carmine in color. Rather coarse and of fair quality only. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.75.

Golden Queen. (Bright Yellow). Best large yellow tomato. Much like Paragon, except in color. Always smooth and ripens early. Quality excellent in all respects, either for slicing or preserving. Queen of all the yellows. Oz. 35c; $\frac{1}{4}$ lb. \$1.00.

Tomato Pepper—See bottom of page.

TURNIPS

Steckrube (Gr.) Pastinaca, (It.)

For fall and winter use sow the seed in August, in rows 10 to 18 inches apart, using one ounce to 250 feet of row, thinning the plants when very young to three or four inches apart. For spring use sow in January. For field culture sow in rows about two feet apart, using one to three pounds of seed per acre.

Early Snowball. A medium globe-shaped variety of pure white. Very solid and of the best quality. Oz. 15c; lb. \$1.

Early White Flat Dutch (Strap Leaf) A medium-sized, flat variety; clear white, early, and of fine flavor. A fine table variety. Pkt. 10c; oz. 15c; lb. \$1.

Early White Milan. Roots flat, smooth and symmetrical; pure white. Top very small, upright and compact, permitting close planting. The earliest and much the best of any extra-early white variety. Pkt. 10c; oz. 15c; lb. \$1.00.

Early Purple-Top Milan. Differs from the preceding in that the roots are not quite so thick and are purple on top. Pkt. 10c; oz. 15c; lb. \$1.00.

Early Purple-Top White Globe. One of the hand-somest varieties, the upper portion of the root being a purplish red, the lower pure white. A rapid grower, attaining a marketable size sooner than other large globular varieties. Of the best quality and an excellent keeper. Owing to its strong growth should be more severely thinned than other early varieties. We offer New England grown seed of a selected strain, which repeated trials have shown to be much superior to those generally offered. Pkt. 10c; oz. 15c; lb. 75c.

Cow Horn. A long white turnip. Grows to a large size, standing half out of the ground. It is fine flavored and desirable. Cow Horn turnip sown in connection with Rape is one of the newly recommended things for green manuring purposes. Pkt. 10c; oz. 15c; lb. 75c.

Rutabagas or Swedish Turnips

Winter Varieties



Sweet German, or Russian. White, sweet, excellent; a first-rate keeper. Oz. 15c; lb. 90c.

American Purple-Top or Long Island Improved.

Bred from the "American Purple Top," over which it is a great improvement, being nearly double the size; an immense yielder and good keeper; flesh rich yellow, of fine quality. Oz. 15c; lb. 75c.

Rutabaga American Purple Top Turnip

SWEET HERBS

CULTURE—Sow in early spring, at the time when the trees begin to leaf, in ordinarily good and well drained garden soil, in rows 12 to 24 inches apart. Cover seed lightly. Thin or transplant to stand 6 to 12 inches apart in the rows. Cultivate frequently and keep free from weeds.

	Packet
Anise, seeds aromatic.....	10c
Balm, has medicinal qualities.....	10c
Basil, sweet.....	10c
Borage, leaves used for salad.....	10c
Caraway, seeds aromatic.....	10c
Coriander, seeds aromatic.....	10c
Dandelion.....	10c
Dill, seeds aromatic and medicinal.....	10c
Fennel Sweet, seeds aromatic.....	10c
Horehound.....	10c
Lavender, leaves aromatic.....	10c
Marjoram, leaves used in seasoning.....	10c
Mint, leaves aromatic.....	10c
Rosemary, aromatic.....	10c
Rue, medicinal qualities.....	10c
Sage, culinary herb.....	10c
Savory, Summer, culinary herb.....	10c
Sweet Marjoram for seasoning.....	10c
Thyme, culinary herb.....	10c
Wormwood, medicinal qualities.....	10c

**TOMATO PEPPER****NEW! THE TOPEPO****The Pepper and Tomato Combined**

A new creation among vegetables—the Topepo—sweet Bull Nose Pepper and luscious Stone Tomato combined. Has the delicious flavors and qualities of both. A beautiful yellow blushed with red. Wonderful for stuffing and baking, for salads, soups, dressings, etc. Be the first to raise the Topepo.

A wonderful addition to the vegetable kingdom. 'Twas a happy thought and will give great pleasure to millions of vegetable lovers now and the future. Pkt. 25c.

Spring Bulbs

GLADIOLI, TUBE ROSES, CALADIUM MADEIRA VINES

GLADIOLI

America

Soft flesh pink. 5c each; 50c dozen.

Baron Hulot

Rich violet blue. 10c each; \$1.00 dozen.

Byron L. Smith

Lavender pink on white ground. 8c each; 85c dozen.

Chateau Thierry

Orange red, little yellow spot. 8c each; 85c dozen.

Conspicuous

Light blue, dark blue spots, yellow center. 8c each; 85c dozen.

Crimson Glow

Brilliant crimson. 10c each; \$1.00 dozen.

Chris

Dark maroon, shaded purple. 10c each; \$1.00 dozen.

Anna Eberius

Dark purple, 7c each; 75c dozen.

Flora

Large pure golden yellow. 10c each; \$1.00 dozen.

Gretchen Zang

Rose pink, with darker tone on edges. 7c each; 75c dozen.

Mrs. H. E. Bothin

Salmon pink, scarlet center ruffled. 10c each; \$1.00 dozen.

Halley

Delicate salmon pink, early. 7c each; 75c dozen.

Herada

Pure mauve with deeper markings in the throat. 8c each; 85c dozen.

Kunderdi Glory

Creamy apricot, red markings. 10c each; \$1.00 dozen.

Le Marechal Foch

Early light salmon pink, very large. 6c each; 65c dozen.

Lily Lehman

Ivory white, lily shaped flowers. 10c each; \$1.00 dozen.

Peace

Large white pale lilac, feathering. 7c each; 75c dozen.

Rose Ash

Ashes of roses. 12c each; \$1.25 dozen.

Scarlet Princeps

Large scarlet. 15c each; \$1.50 dozen.

Schwaben

Pure yellow, red stripes on lower petals. 7c each; 75c dozen.

E. J. Shaylor

Deep rose pink, ruffled. 7c each; 75c dozen.

War

Large, deep blood red. 12c each; \$1.25 dozen.

White Glory

Pure white with Iris blue throat, ruffled. 12c each; \$1.25 dozen.

Fine Mixture

50c dozen; 50 bulbs \$1.75; 100 bulbs \$3.00.

DAHLIAS

In wide range of colors and types from 10c to 25c each.

CANNAS

Large bronze leaf. 10c each; \$1.00 dozen.

Indiana

Green foliage, golden orange flower. 10c each; \$1.00 dozen.

King Humbert

Bronze foliage, red blossom. 10c each; \$1.00 dozen.

Yellow King Humbert

Yellow blossom, green leaves. 12c each; \$1.25 dozen.

Florence Vaughan

Green foliage with yellow blossoms. 8c each; 85c dozen.

TUBEROSES

Dwarf Pearl Excelsior 10c each; \$1.00 dozen.

CALADIUM or Elephant's Ear

15c to 25c

MADERIA VINES—CINNAMON VINES

Scarlet Runner Beans.

Wonderful climbers, quick growing also delicious, edible bean as well as ornamental climber.

White Runner Bean

Same as scarlet except their being white.

About September first next we issue our Annual Catalogue of **Choice Dutch Bulbs and Seeds for Fall Planting**. It will be sent free to all customers without ordering it, and to others who apply for it.

Plants for Spring Planting

Cauliflower
Cabbage
Celery
Tomato

Egg Plant
Pepper
English Daisy
Salvia

Aster
Verbenas
Snap Dragon
Pansy

Bulbs for Spring Planting

Cannas
Gladioli
Caladium
Tuberous Begonia

Dahlia
Tube-roses
Madeira Vines
Cinnamon Vine



"HOTCAPS"

New Method of Plant Protection

Matures crops earlier; shields plants from wind and rain; protects them from frost and insects; keeps dirt soft—miniature "hot-houses"! A revolutionary device that saves farmers much in time, labor and money. Write us for details and prices.

Catalogue Prices

1 roll.....	\$10.75
5 rolls.....	per roll 10.00
10 rolls.....	" " 9.75
25 rolls.....	" " 9.50
"Hotkap" Setter.....	2.75
"Hotkap" Carrier.....	2.75



SELECT FLOWER SEEDS



Antirrhinum or Snap Dragon

ABUTILON (CHINESE BELL FLOWER OR FLOWERING MAPLE) Free flowering, perennial shrub; fine for indoors. For outdoor sow before April. Will bloom first season. **10c pkt.**

ACONITUM (MONK'S HOOD OR WOLF'S BANE) Hardy, perennial, long spikes of odd shape blue and white flowers, adapted to shady corners or among shrubbery; 3 to 5 ft. **10c pkt.**

ACROCLINIUM. Pretty, annual everlasting, 15 inches high, lovely white or rosy pink flowers, fine for border. Sgl. or dbl. **10c pkt.**

ADLUMIA (MOUNTAIN FRINGE OR ALLEGHENY VINE) A hardy, biennial climber, will resow itself year after year, feathery foliage resembling Maiden-hair Fern, flowers tube-shaped, flesh colored completely covering the plant, fine for trellises, stumps, etc. **10c pkt.**

ADONIS (PHEASANT'S EYE) Flos Adonis, Showy, hardy, annual, of easy culture, fine cut foliage, blooms a long time; dark crimson flower with light center. Height 1 ft. **10c pkt.**

AGERATUM (FLOSS FLOWER) Fine bedding sort, literally a sheet of bloom from early summer until frost; not liable to be spoiled by rain, flowers not liable to fade; easily raised from seed. Sow in March or in hot-bed and transfer into open ground in June when weather is suitable, valuable for winter flowering for conservatory. **10c pkt.**

Blue Perfection. Dark blue, largest flowering, fine bedder. **10c pkt.**

Little Dorrit. Beautiful, compact, sky blue, white center, very exquisite. **10c pkt.**

Mexicanum. Lavender blue, 1½ ft. **10c pkt.**

Imperial Dwarf White. Height 8 inches. **10c pkt.**

AGROSTEMMA (ROSE OF HEAVEN) Free blooming, hardy perennial, blooming first season, height 1 to 2 ft. Mixed **10c pkt.**

ALYSSUM (MAD-WORT) Pretty little plants for beds, vases, baskets, edging, etc. Bloom profusely all summer, also useful for winter. Very sweet-scented.

Little Gem (OR CARPET OF SNOW) 4 to 6 inches in height, each plant covering a circle of 15 to 30 inches. **10c pkt.**

Sweet Alyssum. Trailing flowers, white, **10c pkt.**

Saxatile Compactum (BASKET OF GOLD), handsome yellow flowers, hardy perennial, blooming first season, fine for rock work, 1 ft. **10c pkt.**

Sweet Alyssum



AMARANTHUS. Brilliant foliated annuals, 3 to 5 ft. Useful in borders or centers of large beds. Do not plant too closely.

Brilliant. Foliage bright red, ends of branches carmine-rose, red and yellow. 10c pkt.

Caudatus (LOVE LIES BLEEDING) Blood red, drooping foliage, 3 ft. 10c pkt.

Sunrise. Bronzy Crimson to brilliant scarlet. Fine for parks and large beds, 3 ft. 10c pkt.

Tricolor (JOSEPH'S COAT) Leaves red, yellow and green, 3 ft. 10c pkt.



Aster Chrysanthemum

AMMOBIUM (WINGED EVERLASTING) Grandiflorum, Pretty Border, annual everlasting, snow white with yellow disc. 10c pkt.

AMPELOPSIS (BOSTON OR JAPANESE IVY) Hardy, perennial climber, olive green leaves turning to scarlet in fall. Popular climber, fine for brick or stone walls. 10c pkt.

ANCHUSA (ALKANET) Italica Dropmore Variety. One of the best hardy perennials, and becoming more popular each season, grows 3 to 5 feet high and bears in abundance flowers of the richest gentian-blue during May and June. 15c pkt.

ANEMONE (WINDFLOWER) Hardy, perennial, large flowers, fine for bouquets.

Coronaria. Mixed Colors (POPPY ANEMONE). 10c pkt.

St. Brigid. A beautiful selection of the above, our seed comes from a famous Irish grower and comprises semi-double and double flowers in a wonderful array of colors. 15c pkt.

ANTHEMIS (HARDY MARGUERITE) Kelwayi. A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting; 2 ft. 15c pkt.

ANTIRRHINUM (SNAP DRAGON)

Giant Varieties. Of tall growth, very large individual flowers: Scarlet, White, Yellow, Garnet, Pink (Silver pink), Rose (Rich rose). 10c pkt.

Semi-Dwarf. A splendid mixture, containing all the colors. 10c pkt.

AQUILEGIA (COLUMBINE) Charming, hardy, perennial, 1 to 3 ft., profuse bloomer, blue, white, rose, yellow, purple, striped, etc. Fine for borders. Sgl. mixed 10c pkt. Dbl. mixed 10c pkt.

Long-Spurred Hybrids. A beautiful strain comprising shades and combinations of blue white, yellow, orange, scarlet and bright rose-pink, in large flowers with long spurs. 15c pkt.

ARABIS (ROCK CRESS) Alpina, very early, pure white, spring flower, appear as soon as snow disappears. Fine for rockeries or edging. 6 inches high. 10c pkt.

ARCTOTIS (AFRICAN DAISY) Grandis. A remarkably handsome annual from South-west Africa. It forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. 10c pkt.

ARMERIA (SEA PINK OR CUSHION PINK) Very pretty edging plant, bearing large tufts with rosy pink flowers, hardy perennial. 10c pkt.

ASPARAGUS (PLUMOSUS NANUS) Graceful climber, finer than most delicate ferns. Will last for weeks after being cut, easily cultivated. 25c pkt.

Sprengeri. One of the best for hanging baskets or general purposes, fronds 4 ft. long. 10c pkt.

ASPERULA ODORATA (SWEET WOODRUFF) Fragrant leaves and stems, grown in shaded places, white flowers. 10c pkt.

ASTERS are now one of the most important summer and autumn flowers. Their immense popularity and world-wide demand shows their adaptability to any soil or climate, there being early medium and late flowering sort which extends the blooming period from early July until frost. For the best results the ground should be very rich. Good results can be obtained from ordinary garden soil.

BRANCHING VARIETIES:

ROYAL ASTERS (OR EARLY BRANCHING) these are dwarf branching about 2 ft. high, flowers of the branching type; coming into bloom in July or early August; colors, lavender purple, rose pink, deep rose, shell pink, white; collection 50 cents. Packet 10c each. Mixed colors 10c pkt.

	Per	Per
AMERICAN OR LATE BRANCHING ¼ oz. pkt.		
Blackish Blue. A deep dark blue ...	\$.35	\$.10
Deep Crimson. Rich and glowing ....	.35	.10
Deep Rose. Distinct and fine. ....	.35	.10
Pale Lavender. Exquisite greyish-blue .	.35	.10
Deep Purple. A rich royal shade .....	.35	.10
Rose-pink. A lovely shade; very popular. ....	.35	.10
Shell-pink. Soft and dainty .....	.35	.10
Pure White. Perfect in its purity. ....	.35	.10
Collection. A packet each of the 8 colors. 60c.		
Finest Mixed. All colors mixed. ¼ oz., 35c	10c	pkt.



Branching Asters

CREGO'S GIANT COMET ASTERS. We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type.

We offer five colors, viz.: White (Pure white), Pink (Delicate shell-pink), Purple (Bright purple), Rose (Rich deep rose), Lavender (Deep lavender). 10c pkt. Collection of a packet each of the 5 colors, 45c. Crego's Mixed. All colors. 10c per pkt.; 25c. per ¼ oz.

QUEEN OF THE MARKET ASTERS. A first-class early-flowering Aster, coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; 1 foot. Bright Rose, Crimson, Lavender, Pink, Purple, White. 10c pkt. Collection. One packet each of the 6 colors. 50c. Mixed colors, ¼ oz. 25c; pkt. 10c.

VICTORIA. Magnificent bedding or cutting variety, flowers large beautifully imbricated, 1½ ft. high. Mixed colors. 10c pkt.

OSTRICH FEATHER. Magnificent, resembling the Comet, flowers of immense size of loosely formed petals, equaling the best Japanese Chrysanthemums. White or pink. Mixed 10c pkt.

HEART OF FRANCE ASTER. This recent introduction is the largest flowering of the very dark red sorts; plants grow about 24 inches high, nicely branched, bearing in September their large, rich, deep ruby-red flowers on long, strong stems; a fine, dark variety. 15c pkt.

AMERICAN BEAUTY (Early Flowering). Attains a height of 2 to 3 feet of branching habit. Flowers large, borne on long, stout stems. Mixed, all colors. Pkt. 15c.

PERENNIAL. Single, hardy. Does well in any garden soil. If sown early will flower in early season. 10c.

BABY'S BREATH. (SEE GYPSOPHILA).

BACHELOR'S BUTTON (SEE CENTAUREA CYANUS). Mixed colors, 10c; double blue, 10c pkt.

BALLOON VINE (LOVE-IN-A-PUFF) Rapid growing annual climber, white flowers, seed vessels look like miniature balloons. 10c pkt.

BALSAMS (LADY SLIPPER) Double, camellia flowered type, an old favorite, gorgeous brilliant colored, double flowers in great profusion, easily cultivated, 2 ft. high. Double, mixed each 10c., white 10c; pink 10c pkt.



Balsams

BAPTISIA (FALSE INDIGO) Beautiful, hardy, perennial, pea-shaped flowers on spikes 6 inches long, bright blue, 2½ ft. 10c. pkt.

BELLIS (OR ENGLISH DAISY). Perennial, Double Daisy, very handsome spring flowering plant. 10c.

BRACHYCOME (OR SWAN RIVER DAISY) Dwarf, annual, profuse bloomer, pretty blue or white flowers. 10c pkt.

CALCEOLARIA (LADY'S SLIPPER) Ornamental plant with mass of beautiful pocket-like flowers, blooms early and very fine for decorating green-house or conservatory. 25c pkt.

CALENDULA (POT MARIGOLD) Very showy, free-flowering until frost, hardy annual, grows in any good soil, fine for beds or mixed borders, fine for pot culture, height 1 ft.

Meteor. Large double yellow, striped with orange. 10c

Orange King. Large double orange red flowers. 10c

Lemon Queen. Light yellow. 10c.

Mixed, per pkt. 10c



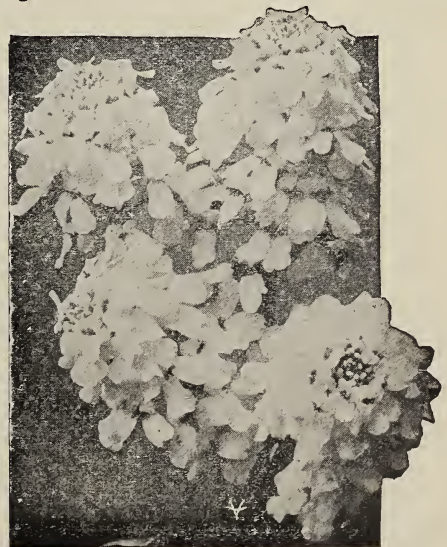
Calendula

CALLIOPSIS (SEE COREOPSIS) Showy, free-flowering annual, blooms all summer, fine for cutting and massing. Mixed colors, 10c pkt.

Golden Wave (DRUMMONDII) Large golden yellow with brown center, fine for borders. 10c.

COREOPSIS

Single Annuals. All single sorts have large flowers 2 to 4 inches in diameter, fine for beds or borders; 1 ft. high.



Candytuft



Bachelor's Button

CAMPANULA (BELLFLOWER) Favorite, hardy herbaceous with great profusion of bell flowers, thrives in light rich soil.

Carpatica. Blue and white, bloom the whole season, 6 inches. 10c.

Persicifolia Grandiflora. Fine hardy bell flowers 2 to 3 ft. blue or white. Mixed. 10c.

CANARY-BIRD VINE (TROPAEOLUM CANARIENSE) Handsome annual, rapid climber, charming little canary-colored blossoms bearing a fancied resemblance to a bird with wings half expanded. 10c.

CANDYTUFT (IBERIS) A great favorite, fine for cutting, looks best in beds or masses. Sow in spring will bloom until frost, very hardy, easily cultivated. Single plants look well and bloom profusely, 1 ft. Carmine. 10c.

White. 10c.

Crimson. 10c.

Empress. A complete mass of pure white flowers. 10c.

White Rocket. 10c.

White Hyacinth. Flowered. 10c.

Mixed Colors. 10c.

Perennial 10c.

CANNA (INDIAN SHOT) Without exception one of the handsomest bedding plants. Soak the seeds in warm water until they show evidence of swelling. When the second leaf is out pot singly and keep under glass until proper season for planting out. Plants only.

CANTERBURY BELL (CAMPANULA MEDIA) Medium (SINGLE CANTERBURY BELLS). The old-fashioned sort with beautiful, large bell-shaped blossoms; we offer three distinct colors and mixed, as follows: Blue, Rose, White. 10c pkt. Single. Mixed. 10c pkt. All the double-flowering medium varieties, ¼ oz. 50c; pkt. 10c.

Cup and Saucer (CALYCANTHEMA) Rose Pink (Delicate rosy-pink). Blue (A fine clear shade), White (Pure white), Finest mixed (All colors of the Cup and Saucer type. ¼ oz. 60c; pkt. 10c.

CARNATION (SEE DIANTHUS) Great favorite for their delicious fragrance and richness of color, indispensable for winter or summer culture.

Marguerite Carnations. Very popular, as they begin flowering a few weeks from time of sowing, half dwarf, strong, requiring no support, produce long, strong stems, abundant, large double beautifully fringed, highly-scented flowers: Pink, White, Red, Yellow. 10c pkt.

Mixed Colors. 10c.

CASTOR OIL BEAN (SEE RICINUS).

CELOSIA CRISTATA or Cockscomb varieties. Free-blooming annuals, plant in light soil not too rich, grand for border and fine for pots. (2½ to 3 feet.) These stately plants are considered among the most ornamental and should not be omitted in any garden. Form pyramidal bushes branching out in candelabra shape, the numerous massive plumes resemble ostrich feathers, wave gracefully above the foliage.

Empress Combs of colossal size known to measure 45 inches from tip to tip; rich crimson. 10c.

Glasgow Prize. Dark Crimson. 10c.

Dwarf. 8 inches high, sometimes measuring 2 ft. across. 10c. Mixed 10c.

CELOSIA PLUMOSA (FEATHERED COCKSCOMB) Crimson, white, yellow, mixed 10c, pkt.

CELOSIA CHILDSI (THE CHINESE WOOLFLOWER) Plants grow two to three feet high, the bloom starting early with a central head, round and globular, which often reaches the immense size of two feet in circumference. Scores of branches are thrown out, each bearing a ball of scarlet wool. All these branches support numerous laterals with small heads of bloom mixed with fresh green foliage, so that a plant looks like an immense bouquet splendidly arranged and set in the ground. Blooms until hit by frost. A deep, rich, dark crimson-scarlet. 10c pkt. Mixed. 10c.

CENTAUREA (OR BACHELOR BUTTON). Under this name is included the popular annuals like Corn Flower, Blue Bottle, Ragged Sailor, Sweet Sultans, etc. Great favorites, fine for cut flowers; white-leaved sorts, or Dusty Millers are largely used for bedding, vases, etc.

Sweet Sultans (CENTAUREA IMPERIALIS) Beautiful, sweet-scented, strong stems, when cut will stand for several days in good condition, of easy culture. Mixed colors, 10c. Named colors, 10c.

Giant Sweet Sultans (CENTAUREA ODERATA) or Giant Cornflowers, easy to cultivate, flowers 2 to 4 inches in diameter, very graceful, sweet-scented.

Corn Flower (CENTAUREA CYRANUS) Double blue, pink, white, mixed. 10c.

Gymnocarpa. Fine cut silvery foliage. 10c. pkt.

Candidissima. Broad cut silvery foliage. 10c. pkt.



Carnation

CHRYSANTHEMUMS. Annual sorts, showy, effective garden favorites. Dbl. mixed, 10c pkt. Sgl. mixed. 10c pkt.

CINERARIA. Seed may be sown from May to September in succession. Where only one sowing is made July should be preferred. Cinerarias grow so freely that the seedling may go straight from seed pans to thumb-pots. For transplanting plant in cold frame facing north, if possible. When pots become full of roots shift into larger ones until the flowering size is reached.

Dwarf Mixed. 35c per pkt.

Tall Mixed. 35c per pkt.

Stellata. (STAR CINERARIA) A charming variety with large spreading panicles of starry flowers. Same colors as the common Cineraria. The grace and elegance of the plant and flowers make them very effective for house or conservatory decoration; especially fine for church decoration and useful for cutting. 35c.

CLARKIA. This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. Elegans Double Mixed. A fine mixture containing all the colors. 10c. pkt.

CLEMATIS. Rapid-growing climber, fine for arbors and verandas. Seeds are slow to germinate, and should be soaked in warm water 24 hours; hardy perennial, mixed colors. 10c pkt.

CLIANTHUS (AUSTRALIAN GLORY PEA) Beautiful, tender, perennial shrub with clusters of brilliant pea-shaped flowers, 3 inches in length, with large black blotch for center. 10c pkt.

COBAEA (CUPS AND SAUCERS VINE) A rapid climber fine for trellises, arbors, etc., clings to any rough surface. Place seeds in the ground edgewise and cover with light soil.

Purple, 10c pkt. **Pure white,** 10c pkt.

COLEUS (FLAME NETTLE) An attractive foliage plant for house or garden, very interesting to grow from seed, easily raised; sow in March or April. 15c pkt.

CONVOLVULUS (MORNING GLORY) Climbing varieties, very popular and one of the most free-flowering, rapid growing plants in cultivation; doing well in almost any situation, with beautiful brilliant flowers; annuals, 15 ft. Mixed colors 15c oz., 10c pkt.



Coreopsis

COREOPSIS (PERENNIAL) (SEE CALLIOPSIS) A very fine hardy plant with large, showy, bright, yellow flowers, produced in great abundance from June until frost, especially fine for cut flowers having long stems and lasting in good condition a week or more. These grow from seed, flowering the first year if sown early. 10c pkt.

LANCEOLATA GRANDIFLORA (PERENNIAL). Deep golden yellow, cup shaped flowers on fine stems for cutting. Flower is lanced. Sow in June and transplant 1½ to 2 feet apart. Give slight winter covering.



Cosmos

COSMOS. Beautiful autumn-blooming plant, producing thousands of beautiful flowers in pure white, pink and crimson shades; fine for autumn decoration when other flowers are scarce. Sow in spring in open ground when danger of frost is over, or may be started under cover and transplanted. Set about 18 inches apart in rows or in masses in beds. When about a foot high pinch the tops out to induce a bushy growth, 2½ to 4 ft. in height.

Early Crimson. Rich and deep. 10c.

Early Light Pink. A popular color. 10c.

Early Pure White. 10c.

Extra Early Mammoth Flowering. Mixed colors 10c. pkt

Giant Pink, Lady Lenox. A popular autumn flower, with gigantic flowers, wide, overlapping petals, making a perfectly circular flower, on very long stems; a beautiful deep rose pink. 10c pkt.

Giant White, Lady Lenox. Late. The white-flowered form of the above. 10c pkt.

Mixed Mammoth Perfection. Late. 10c pkt.

CUCURBITA (SEE GOURD).

CYCLAMEN. Charming plant with richly colored foliage, fragrant flowers. Great favorites in winter or spring. Sow in spring or autumn.

Persicum. Choicest mixed. 35c pkt.

CYPRESS VINE (IPOMAEA QUAMOCUIT) A favorite summer climbing annual, with feathery foliage and star-shaped flowers borne in clusters.

White. 10c. pkt.

Scarlet. 10c pkt. (See cut next page).

Mixed Colors. 10c pkt.

DAHLIA. One of the best late summer and autumn flowering sorts, very popular. The double sorts will bloom first season if sown early. Single will bloom first season if sown in the open ground. Many prefer the single sorts to Cosmos, having the larger variety of colors and longer season of bloom.

Double, finest mixed. 10c. **Single, finest mixed.** 10c.



Cypress Vine

DATURA (TRUMPET FLOWER) Ornamental annuals, large showy flowers; 2 to 3 ft. Dbl. and singl. 10c

DELPHINIUM (PERENNIAL LARKSPUR) One of the most handsome hardy perennials, splendid flowers and curiously cut leaves; for permanent beds and borders they are indispensable. Mixed, 10c pkt.

Zalil (HARDY YELLOW LARKSPUR) Produces very long spikes of 40 to 50 sulphur yellow blossoms, each 1 inch in diameter; flowers from June to August, plant thrifty and bushy; 3 to 4 ft. 10c pkt.

Formosum. Popular for groups, tall spikes of dark blue flowers with white eyes; 2 to 3 ft. 10c pkt.

Nudicaule. Large scarlet flower; 1½ ft. 10c pkt.

Belladonna. Clear Turquoise Blue. 10c. Choicest hybrids mixed. 10c.

DIANTHUS or PINKS. A magnificent sort embracing some of the most popular flowers in cultivation, of great variety and brilliancy with profusion of bloom. The sorts classed as annuals may be sown out-of-doors when danger of frost is past. In a few weeks' time they are a mass of bloom continuing until frost; 1 ft.

Double Annuals.

Laciniatus Fl. Pl. Large double showy flower with fringed edges. Great variety of colors. 10c pkt.

Chinensis Fl. Pl. (CHINA OR INDIAN PINK). Mixed colors. 10c.

Heddewigi Fl. Pl. (JAPAN PINK) Double mixed. 10c.

Imperial Fl. Pl. (DOUBLE IMPERIAL PINK) mixed 10c.

Hardy Garden Pinks. The varieties are well adapted for beds and borders; delightful, refreshing, spicy odor, should be in every garden where cut flowers are wanted.

Semperflorens (Ever-blooming hardy garden Pinks) Very beautiful, sweet-scented, double, semi-double and single in great diversity of colors, mixed colors. 10c. (See Carnation) Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable for the green-house in winter and the garden in summer. The Marguerite is one of the best for summer flowering.

DIDISCUS. Very pretty annual, blooms profusely from July to November, pale lavender blossoms, excellent for cutting. 15c pkt.

DIGITALIS (FOXGLOVE) Handsome, ornamental, hardy perennial plant, easily grown, fine for shrubberies; 3 ft. Mixed colors. 10c pkt.

DIMORPHOTHECA (AFRICAN GOLDEN DAISY). *Aurantia* Hybrida. Beautiful new hybrids of the African Golden Daisy, and similar in habit to the parent; flowers equally as large, but varying in color from the purest white through the various shades of yellow and orange to rich salmon shades, many being zoned with several of these colors around the black disc. ¼ oz., 50 cts., 10c pkt.

DOLICHOS (HYACINTH BEAN) Rapid annual climber with large clusters of handsome flowers producing later in place of flowers, pods of a deep purple, very ornamental. Purple 10c. Mixed colors 10c pkt.

DRACAENA (DRAGON PLANT) Fine ornamental leaved plant. Mixed colors. 10c pkt.

ECHINOCYSTIS (WILD CUCUMBER VINE) Quickest growing vine known, fine for covering trellises, fences, etc. 10c pkt.

ENGLISH DAISY (*BELLIS PERENNIS*) A favorite almost hardy perennial; blooms from early spring until late in summer, easily raised from seed, 4 inches high. Dbl. mixed, finest quality 10c. White or pink 10c.

ERYNGIUM (SEA HOLLY) Handsome, ornamental hardy plant 2 to 3 ft. high. Fine for drying for winter bouquets. 15c pkt.

ESCHSCHOLTZIA (CALIFORNIA POPPY) Fine annual for beds; border or masses, bloom until frost, 1 ft. Sgl. mixed 10c pkt. dbl. mixed 10c pkt.

Golden West. Bright buttery yellow with orange centre. 10c pkt.

EUPHORBIA (SNOW ON THE MOUNTAIN) Strong, tall-growing annual, attractive foliage. 10c pkt.

FORGET-ME-NOT (SEE MYOSOTIS). 10c.

FOUR O'CLOCK

Marvel of Peru (*MIRABILIS JALAPA*). A well-known, handsome free-flowering garden favorite; does well everywhere; give each plant 12 to 18 inches of room. Fine mixed colors; 2 ft. 10c pkt.

FOX GLOVE (SEE DIGITALIS)

GAILLARDIA (BLANKET FLOWER) Annual Varieties. Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer until November, excellent for beds, borders, or for cutting; should be sown where they are to bloom; 1½ ft.

Picta Mixed. Single sorts; fine colors. 10c pkt.

Double Flowering Mixed. A charming, profuse, double-flowering strain; beautiful mixed colors. 10c.

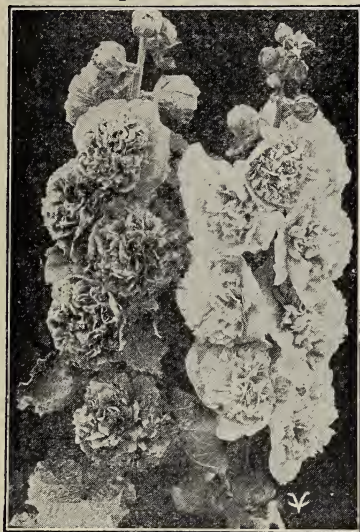
Hardy Perennial Varieties. 10c.



Dianthus (Sweet William)

GERANIUM (Pelargonium) Double mixed fine color. 15c pkt.

GLOBE AMARANTH (GOMPHRENA) Known as Bachelor's Buttons, fine bedding plant, flowers can be dried and be used in winter bouquets; 2 ft., mixed colors. 10c pkt.



Hollyhock

GLOXINIA. A superb greenhouse sort with magnificent rich colored flowers; do best in equal mixture of peat, loam and sand, mixed colors. 25c pkt.

GODETIA. An attractive, hardy annual, profuse, showy flowers of varied colors; 1½ ft. Mixed colors. 10c pkt.

GOURDS ORNAMENTAL (CUCURBITA) Rapid-growing, annual climbers, ornamental foliage; 15 to 20 ft. Mixed colors. 10c pkt.

GRASSES, ORNAMENTAL. These serve the double purpose of rendering mixed flower-beds on borders, attractive in summer and for use in a dried state in winter bouquets, for large beds or groups on lawns, nothing gives a finer effect; largely used in public parks.

Briza Maxima. Fine for grass bouquets. 10c.

Coix Lachrymae (JOB'S TEARS) Broad, cornlike leaves, annual. 10c.

Erianthus Ravennae (HARDY PAMPAS) Beautiful perennial. 10c.

Gynerium Argenteum (PAMPAS GRASS) Perennial, blooms the second season. 10c.

Stipa Pennata (FEATHER GRASS) Perennial, beautiful white, delicate, begins to bloom the second season; 2 ft. 10c.

GYPHOPHILA (BABY'S BREATH) Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

Elegans Alba Grandiflora. 10c.

Paniculata. White flower, fine for bouquets; one of the favorite hardy perennials; blooms first year if sown early; 2 feet. 10c pkt.

HELIANTHUS (See Sunflower) Single and Double mixed. 10c pkt.

HELICHRYSUM (STRAW FLOWER)

Monstrosum Fl. Pl. The great demand for this popular Everlasting has induced us to show them in colors this season. Crimson (very rich), Fireball (bright red), Goldenball (Golden yellow), Rose Carmine (Rich and glossy), Silver Ball (Glistening white), Violet (very rich color), Mixed (all colors). 10c pkt.

HELIOTROPE (CHERRY PIE) Half-hardy perennial, flowering the whole season, very fragrant. Can also be trained as a greenhouse climber. Mixed colors. 10c

HIBISCUS (MARSHMALLOW) Showy, perennial plant with large beautiful colored flowers; 1½ ft. Mixed colors. 10c.

HOLLYHOCK. One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year.

Double Varieties. The seed offered under this head has been saved from the finest double flowers only and is sure to produce satisfactory results. Maroon Rose, Red, Salmon-Rose, White, Yellow. 10c pkt.

HOLLYHOCK. Extra choice double mixed. 25c per ¼ oz., 10c pkt.

Single Varieties. Mixed 10c pkt.

HONESTY (MOONWORT SATIN FLOWER) Hardy biennial, with silvery seed pouches, very attractive; 2 ft. 10c.

HUMULUS (JAPANESE HOP) Ornamental, fast-growing climber resembling the common hop. 10c

HUNNEMANNIA (GIANT YELLOW TULIP POPPY, OR BUSH ESCHSCHOLTZIA) Fumariae-folia. This is by far the best of the poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. 10c.

IMPOEA. Climbers of very rapid growth, beautiful, varied flowers; for covering walls, arbors, stumps, etc.

Quamoclit Hybrida (CARDINAL CLIMBERS). 10c.

Bona Nox (EVENING GLORY) Violet, large fragrant flowers, expanding in the evening. 10c.

Rubra Coerulea (HEAVENLY BLUE) Bright sky blue. 10c.

Grandiflora (MOON FLOWER) Blooms at night and on dull days, pure white flowers, 5 to 6 inches in diameter, rapid climber. 10c.

IMPERIALIS JAPANESE (JAPANESE MORNING GLORY) Largest and handsomest of all Morning Glories. 10c pkt.

JOB'S TEARS (COIX LACHRYMAE) See ornamental grasses.

KENILWORTH IVY (See Linaria).



Kochia

KOCHIA (SUMMER CYPRESS, BELVEDERE) Burning Bush. *Trichophylla*. An easily-grown annual, which, sown thinly in spring, soon forms a cypress-like hedge of the most lively green and of perfect symmetry; by midsummer it attains a height of about 3 feet, and late in the autumn the whole plant becomes a deep red, a splendid plant to divide the vegetable garden from the flower garden, or for forming a hedge for the summer for any purpose. **10c. pkt.**



Larkspur

LADY SLIPPER (SEE *CALCEOLARIA*)

LANTANA. One of the most desirable half-hardy perennials, constantly in bloom, verbena-like heads of orange, white, rose and other colors; 2 to 3 ft. Mixed colors **10c.**

LARKSPUR (ANNUAL) These handsome Larkspurs are very effective in borders and planted amongst shrubs. The graceful spikes of bloom are much valued for vases. They continue long in bloom. The Emperor, Hyacinth-flowered and Branching varieties bloom a little later than the Stock-flowered. Sow seed in the open borders either in early spring or late fall so germination may take place very early in the spring.

Stock Flowered. Mixed, all colors. **10c pkt.**

Giant Hyacinth-flowered. Mixed, 3 ft. Derives its name from the striking resemblance of the flowers to a double Hyacinth. Delicate colors. **10c pkt.**

Tall Rocket Mixed. **10c pkt.**

Dwarf Rocket Mixed. **10c pkt.**

Emperor Mixed. **10c pkt.**

LATHYRUS (EVERLASTING OR HARDY SWEET PEA) Free-flowering hardy perennial climber continually in bloom. Mixed colors. **15c pkt.** White **10c pkt.** Pink **10c pkt.**

LAVENDER (*LAVANDULA VERA*) Well-known, sweet-scented, hardy perennial; 3 ft. **10c pkt.**

LINARIA (KENILWORTH IVY) Charming small, hardy perennial, trailing plant. **10c pkt.**

LINUM or **FLAX** (SCARLET FLAX.) Brilliant crimson flowers, an inch or more across, and a continuous bloomer. Annual. Grows 1½ to 2 feet high. **10c pkt.** Perennial Varieties Mixed. **10c pkt.**

LUPINUS (LUPINE) Annual Sorts. Free-flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 ft. Rich Blue, Sky Blue, Rose, White. **10c pkt.** Annual Mixed. All colors. **10c pkt.**
Polyphyllus Sorts. Effective hardy perennials, succeeding in any good garden soil; blooms in May and June, 3 ft. Rose, White, Blue, **10c pkt.** Mixed. All colors, **10c pkt.**

LOBELIA. The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-

baskets, etc., blooming profusely from June to November. *Cardinalis* is one of the finest native hardy perennials.

Crystal Palace Compacta. Rich deep blue; dark foliage; the finest dark blue for bedding. **10c pkt.**

Gracilis. Light blue; light green foliage; trailing. **10c pkt.**

Cardinalis (CARDINAL FLOWER). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 ft. **15c pkt.**

LYCHNIS. Handsome hardy perennial, easy culture, fine for beds and borders. Mixed colors. **10c pkt.**

MARIGOLDS (*TAGETES*) The African and French Marigolds are valuable for their flowers in late summer and autumn and can be grown to advantage in little clumps, with other plants, in the front of shrubbery or in the garden border. The African varieties are the taller in growth, and produce large self-colored blossoms. The French varieties are smaller, some of them being elegantly striped and spotted. The dwarf-growing kinds make extremely handsome borders, being neat, compact plants, and remaining in full bloom until killed by frost. Seeds can be sown in the open border, or earlier, in a coldframe, and the young plants transplanted late in the spring to where they are to remain. They succeed best in a light soil, with full exposure to the sun. Annual.

AFRICAN MARIGOLDS

Pride of the Garden. The immense flowers of this grand variety are densely double, and of a beautiful golden yellow color. A notable feature is the compact, dwarf habit of the plant, which forms dense bushes fifteen to eighteen inches high and two feet across. **10c pkt.**

Orange Ball. Flowers very large, ten to fourteen inches in circumference, extremely double and quilled like a Dahlia. Plants 3 feet high. **10c pkt.**

Lemon Ball. Large lemon-colored flowers, fine for cutting. **10c pkt.**

Mixed Varieties. **10c pkt.**



Marigold

FRENCH MARIGOLDS

Gold Margin. Double. Flowers velvety maroon, margined with gold. Plant only eight inches high, bushy, compact, and free-flowering. **10c pkt.**

Dwarf Gold Striped. Double rich brown, striped golden yellow. **10c pkt.**

Dwarf Marigold, Little Brownie or Legion of Honor. A charming single-flowered plant, about six inches high. Very effective in masses or borders. Begins flowering extremely early, commencing in June. Color a brilliant gold, blotched with maroon. **10c pkt.**

Signata Pumila. Sunshine Marigold. One of the most beautiful plants for fall color, about eighteen inches high, very bushy habit, and each slender branch, which press close to the main stem, crowned by a delicate golden flower with orange center, forming a dense globular mass. Charming in a border or alone. **10c pkt.**

Dwarf Double Varieties Mixed. **10c pkt.**

Tall Varieties Mixed. **10c pkt.**

MARVEL OF PERU or FOUR O'CLOCK. The flowers of this old-time favorite open about four o'clock in the afternoon and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart. Makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired. The roots may be taken up in the autumn and preserved through the winter for spring planting, in the same manner as Dahlias. Marvel of Peru. Mixed colors. **10c pkt.**

MATRICARIA (Feverfew) Free-flowering, blooms until frost, hardy annual; 18 inches. Dbl. white **10c pkt.**

MAURANDIA. Beautiful, slender-growing Climber, half-hardy perennial; 10 ft. Mixed colors, **10c pkt.**

MIGNONETTE (RESEDA) (6 to 12 inches) No garden is complete without this fragrant plant of unassuming mien. One of the principal uses is for cutting purposes and combining in bouquets with other more pretentious blossoms without its delicate odor.

Golden Queen. Yellow. **10c pkt.**

Goliath. Foliage rich green, with bright red flowers. Flower stalks tall and strong, spikes often 7 in. long by 2 in. in diameter. **10c pkt.**



Nasturtiums

Machet. It is the best Mignonette for all purposes either outside or inside. It is an ever-bloomer, the flowers lasting until late in the fall. **10c pkt.**

Mixed. Many shades and types. **10c pkt.**

MIMOSA (SENSITIVE PLANT) A curious, interesting annual with pinkish-white flowers, leaves low and droop when touched or shaken. **10c pkt.**

MIMULUS (MUSK PLANT) Very showy, profuse-flowering plant, half-hardy perennial, blooms first year if sown early; 1 ft. **15c pkt.**

Tigrinus (MONKEY FLOWER) Spotted variety. **15c.**

Moschatus (MUSK PLANT) Fine for hanging baskets, small yellow flowers, fragrant foliage. **15c pkt.**

MIRIBILIS (SEE MARVEL OF PERU). **10c pkt.**

MOMORDICA (BALSAM PEAR) Very curious climber, ornamental foliage, fruit golden yellow, opens when ripe, showing the seed and its beautiful carmine interior, fine for rock-work, etc., annual 10 ft. **10c.**

MORNING GLORY (SEE CONVULVULUS).

MUSK PLANT (SEE MIMULUS).

MYOSOTIS or FORGET-ME-NOT. Charming, low-growing plants, the bright flowers covering the plants in late spring. Seed sown at any time up to mid-summer will produce plants that will bloom the following spring. Prefer moist shady situation. The Alpestris varieties are very free flowering; they are practically biennial.

Alpestris. Blue. Grows six inches high. Blooms in April. **10c pkt.**

Alpestris Alba. White. Grows six inches high. Good for borders. **10c pkt.**

Alpestris Rosea. Light pink. Grows six inches high. **15c pkt.**

Alpestris, Indigo Blue. New, very fine. A deep indigo blue. **10c pkt.**

Palustris (True Forget-me-not). Blue, with yellow eye. Perennial. **15c pkt.**

Mixed Varieties. Seeds of the above varieties mixed. **10c pkt.**

NASTURTIUMS (TROPÆOLUM) For ease of culture, duration of bloom, brilliancy of color and general all around purposes nothing excels this popular variety. Plant in moderately good soil well drained, sunny position; quick growing and bloom profusely until hard frost comes.

Dwarf Nasturtiums. Any of the following named varieties, packet **15c.**; Yellow and Maroon Blotches, Crimson, Rose, Creamy White, Maroon, Mixed Colors.

Climbing Nasturtiums. Any of the following named varieties, packet **10c.**; Maroon, Salmony Rose, Scarlet, Orange, Creamy White, Mixed Colors.

NEMESIA (LARGE-FLOWERING HYBRIDS.) A very pretty annual, which does best in a cool position; the plants grow about a foot high, and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. **10c pkt.**

NICOTIANA

Affinis. One of the best Nicotianas we have ever grown. The plant attains the height of three feet and is covered with deliciously-scented, large, white flowers that open in their full glory in the evening and early morning. Easily grown from seed, and cuttings rooted in September will bloom freely in the winter. $\frac{1}{4}$ oz. **35c. pkt. 10c.**

Sanderæ. The whole plant, from base to summit, is laden with flowers of an intensely glowing rosy carmine color, making it incomparably beautiful and charming. Easily grown. **10c pkt.**

NIGELLA (LOVE IN A MIST, or DEVIL IN THE BUSH).

Damascena. A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seed-pods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 ft. **10c pkt.**

Miss Jekyll. A lovely variety with cornflower-blue blossoms, splendid for cutting. **10c pkt.**

ORNAMENTAL GRASSES (SEE GRASSES).

PANSIES (GIANT FLOWERING) The Pansy gives an abundance of bloom until after severe frosts, endures our hard winters with safety, and greets us in the early spring with a profusion of bright blossoms. Pansies are at their best during the cool, moist weather of spring and fall. Seed sown in open ground in May or June will give fine blooms in late summer and autumn, and a good crop of flowers the following season if the plants are pinched back in early spring. Seed sown in mid-summer, where it can be shaded and watered will produce plants large enough to winter nicely and come into full bloom in early spring. Young plants give the largest flowers. Old, worn out plants should be replaced by young, vigorous plants.



Pansy

Triumph of Giants. A wonderful mixture of giant flowered pansies. 10c pkt.

Extra Large Flowered Exhibition Mixture. This strain will meet the demand for a real giant flowered fancy pansy. Comprises exquisite shades and colors. 25c pkt.

New Giant Orchid Flowered Mixture. 10c pkt.

Masterpiece Mixture. A special mixture of the Giant Frilled Pansies. A mixture of the finest of a remarkable type of Giant Flowering Pansies, the petals being beautifully waved or frilled. These extremely beautiful flowers come in a wide variety of colors, ranging from white to the deepest maroon or black, creamy yellow to orange, dainty rose to brilliant crimson. 15c pkt.

Mastodon Mixture. The finest thing obtainable in pansies. Wonderful rich colors. Very large. 25c pkt.

Violas or Tufted Pansies. While the Pansy Proper is a spring flower, violas flower throughout the entire season. Seeds sown in spring produce flowering plants by June which bloom until frost. Splendid mixed colors, fine varieties. 10c pkt.

PASSIFLORA (PASSION FLOWER) Fine climbing plant for garden or greenhouse with a profusion of attractive flowers; mixed. 10c.

PENTSTEMON (BEARD-TONGUE) One of the most beautiful attractive herbaceous plants; bearing long

graceful spikes of rich colored flowers; if sown early and transplanted in May will bloom in July until frost, half-hardy perennial; 2 ft. Mixed colors. 10c.

Balcony Petunias. A splendid type for window boxes, hanging baskets and beds. Flowers over 3 inches across making a fine display all the season. Mixed colors. 15c pkt.

PETUNIA (SINGLE-FLOWERED BEDDING) Bedding varieties are unsurpassed for massing. They will make a most showy bed, giving a profusion of flowers from early summer until severe frost.

Blotched and Striped, very symmetrically marked. 10c pkt.

Rosy Morn. Dainty soft carmine-pink; white throat; fine for border. 10c pkt.

Extra Choice Mixed. Superb strain 10c pkt.

Fringed Giant. 20c pkt.

Giants of California. 35c pkt.

Double Mixed. 30c pkt.

PHLOX DRUMMONDI. Of all summer flowering annuals this variety is unquestionably one of the most brilliant and satisfactory. Seed may be sown in open ground after danger of frost is past and in a few weeks the beds or borders are all aglow with their brilliant coloring until cut down by the frost. For early flowering they should be started indoors.

Snow White, Shell Pink, Deep Rose, Bright Scarlet, Rich Crimson, Primrose, Soft Lilac, Choicest Mixed, Large-Flowering. 10c pkt.

Star Phlox (STAR OF QUEDLINBURG) Dwarf, pretty star-shaped flower. Mixed colors. 10c.

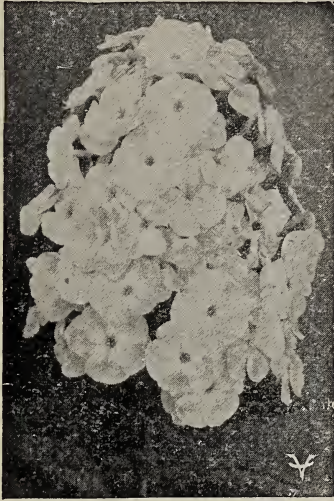
Hardy Perennial Phlox. All colors, mixed. 10c.

PHYSOSTEGIA (FALSE DRAGON HEAD) Virginica. One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather. 10c.

PINKS (SEE DIANTHUS)



Pentstemon



Phlox Drummondii

PLATYCODON (BALLOON FLOWER, OR JAPANESE BELLFLOWER). One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps and are excellent for planting in permanent borders or among shrubbery; easily raised from seed, which begins blooming in August if sown outdoors in April. **10c pkt.**

POPPIES. An extremely popular brilliant flowering annual. Poppies should be sown where they are to remain, as they will not stand transplanting.

Single Annual Poppies. **10c pkt.**

Double Annual Poppies. Mixed colors. **5c.**

Paeony Flowered. Large showy, double mixed colors. **10c.**

Flanders Scarlet Single. **10c.**

Shirley. Mixed single and semi-double. Many colors. **10c pkt.**

Oriental Poppy. Perennial, exceedingly showy, scarlet with black centre. **10c pkt.**

Iceland Poppy (PERENNIAL) Mixed **10c.**

PORTULACA (SUN PLANT) Fine hardy annual, of easy culture, thrives best in rather rich, light, sandy loam and sunny situation, flowers of richest colors, blooming throughout the summer in great profusion, fine for beds, edging or rockwork; 6 inches. Sgl. mixed **10c.** Dbl. mixed **10c.**

PRIMULA. Charming beautiful Chinese Fringed Primrose, fine for winter or spring decorations. One of the most important winter-blooming pot plants. Sow from March to May. Mixed colors **35c.**

PRIMULA (OBCONICA GRANDIFLORA) Everblooming Mixed **25c.**

PRIMULA POLYANTHUS (PERENNIAL) **10c pkt.**

PYRETHRUM HYBRIDUM (PAINTED DAISY). Hardy perennial, bearing large Daisy or Cosmoslike flowers, ranging in color from white to deep red, with bright yellow centers; blooms in May and June, and again in the fall, and is one of the most graceful and long-lasting cut flowers. **10c pkt.**

RESEDA (SEE MIGNONETTE)

RHODANTHE (SWAN RIVER EVERLASTING) A charming annual; does well in a light rich soil and warm sheltered situation. Fine for pot culture, flowers everlasting. Mixed colors. **10c.**

RICINUS (CASTOR OIL BEAN) Ornamental plant of stately growth and picturesque flowers, brilliant colored fruit; fine for lawns or center plants for beds, mixed, all colors. **10c.**

ZANZIBARIENSIS. A distinct class, which surpasses in size and beauty all varieties. The plants attain

great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery-bronze, changing to dark green, with reddish ribs. The seeds are beautifully marked. **10c.**

SALPIGLOSSIS (PAINTED TONGUE) One of the greatest favorites among annuals. Partly on account of its easy culture, but mostly for its beautiful, almost orchid like flowers. Mixed sorts. **10c pkt.**

SALVIA (FLOWERING SAGE) A favorite bedding plant, bearing long spikes of flowers in great profusion from July until frost, half-hardy perennial, blooms the first year from seed sown indoors and transplanted when weather permits.

Splendens (SCARLET SAGE) Beautiful bright scarlet. **10c pkt.**

"Bonfire." This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. **10c pkt.**

Patens (BLUE SAGE). **15c.**

SCABIOSA (MOURNING BRIDE, SWEET SCABIOUS, PIN-CUSHION FLOWER, ETC.) The Annual Scabiosas are firm favorites by many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without both the annual and perennial Scabiosas, especially where flowers are wanted for cutting. We offer 6 colors, as under:

Large Flowering Annual. Lavender-blue, Crimson, Black Purple, Rose, White at **10c per pkt.**, Mixed at **10c pkt.**

Hardy Perennial Scabiosas. (CAUCASICA, BLUE BONNET). One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water, color soft lavender-blue; 3 ft. **10c pkt.**

SCARLET RUNNER BEANS. Great favorite of England and continent of Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet blossoms. **10c pkt.**



Iceland Poppy

**Schizanthus**

SCHIZANTHUS (BUTTERFLY OR FRINGE FLOWER) Splendid annual with a profusion of various colored flowers; fine for greenhouse decorations and flower garden, of easy culture. Mixed **15c pkt.**

SHASTA DAISIES (CHRYSANTHEMUM LEUCANTHEMUM). A splendid hardy perennial variety with flowers rarely less than 5 inches across, of the purest glistening white with broad overlapping petals, and borne on long, strong stems; a beautiful cut flower, remaining in good condition a week or more. **10c pkt.**

SMILAX (MYRSIPHYLLUM ASPARAGOIDES) In many respects the Smilax is the most useful, and certainly one of the most graceful climbers; for bouquets and floral decorations it is indispensable. A tender perennial; 10 ft. **10c pkt.**

SNAP DRAGON (SEE ANTIRRHINUM)

SOLANUM (JERUSALEM CHERRY) Very useful pot plant for winter decoration, dwarf branching habit, leaves small and oval shaped, bearing in great profusion bright scarlet globular berries. **10c pkt.**

STATICE An annual which is very desirable for rock gardens or border plant. Flowers are borne in racemes on long graceful stems and may be cut and dried like everlasting. Sow indoors during March or April and transplant to open ground after danger of frost is past. Height of plants two to two and one-half feet.

Sinnuata Mixed. A choice mixture in shades of blue, pink, yellow and white. Oz. **50c; pkt. 10c.**

SWEET PEAS (How to grow sweet peas)

The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms. Considerable benefit has been noted from the use of Inoculating Culture. Seed may be sown out of doors as early in the season as the ground can be worked, usually the middle of March to the middle of April. Make a trench or furrow about 6 inches deep, in the bottom of which sow the seed. Cover with about one inch of soil, pressing it down firmly. As soon as they are above ground thin out to 2 or 4 inches apart. Use stout stakes on which wire netting has been fastened 5 feet above ground.

Water frequently in dry weather. Flowers should be cut often as to prevent running to seed.

SELECT GRANDIFLORA SWEET PEAS

Black Knight. Very deep maroon, shaded black. **10c pkt.**

Dorothy Eckford. Magnificent pure white.

King Edward VII. The finest crimson-scarlet. **10c.**

Lady Griselda Hamilton. Lavender. **10c.**

Lord Nelson. The richest deep navy-blue. **10c.**

Miss Willmot. Brilliant orange-pink; very large. **10c.**

Prima Donna. A magnificent pure pink. **10c.**

Price. Any of the above, **10c per pkt., oz. 20c.**

Grandiflora. $\frac{1}{4}$ lb. **35c.,** $\frac{1}{2}$ lb. **60c.,** lb. **\$1.00.**

SPENCER SWEET PEAS. The magnificent new Spencer Sweet Peas are rapidly displacing the older kinds. The plants make a vigorous growth and the flowers are extraordinarily large, being, when well grown, from two to two and one-half inches in diameter. In addition, the petals are beautifully waved or fluted, and in some of the newer Spencers the fluting is very pronounced. Practically the whole range of grandiflora varieties has now been duplicated in the Spencer type; but after careful trials we have selected the following list as embracing the Choicest of the Spencer Sweet Peas:

Appleblossom. Standard rose, showing veins of deeper rose. Wings light carmine; the whole color overspreads on primrose. **10c.**

Asta Ohn. Charming soft lavender tinted with mauve pink. Packet **10c.,** ounce **45c.**

Austin Frederick Imp. large pure lavender. **10c pkt.**

Barbara. Bright salmon orange with dark stems. **10c pkt.**

Campfire. Bright cerise scarlet. **10c.**

Countess Spencer. Clear pink deepening somewhat towards the edge. **10c pkt.**

Crimson King. Rich oxblood crimson. **10c.**

Dobbie's Cream. Deep cream or primrose. **10c**

Dorun. Large carmine. **10c pkt.**

Fiery Cross. Bright orange cerise. **10c.**

Flora Norton Spencer. Bright blue. **10c.**

Florence Nightengale Lavender. **10c pkt.**

Hawlmart. Rose, salmon-pink, rose-pink, flushed deep salmon. **10c.**

Hercules. A rich pink flower, waved. **10c pkt.**

Jack Cornwall. Rich dark blue. **10c pkt.**

King Edward VII. Rich waved crimson. **10c pkt.**

King White. Produces gigantic flowers absolutely pure white. **10c pkt.**

Picture. Cream pink; suffused apricot. **10c pkt.**

Mrs. Tom Jones. Brilliant blue. **10c pkt.**

Royal Purple. Rich royal blue. **10c pkt.**

Splendour. Rich maroon. **10c.**

Youth. White, edged with a delicate soft rose pink.

Superb. Mixed. {Per ounce **25c,** $\frac{1}{4}$ lb. **85c.** 1 lb. **\$2.50.**

**Sweet Peas**

STOKESIA (CORNFLOWER ASTER) *Cyanea*. This is not new, but is a rare and beautiful hardy perennial. The plant grows about 24 inches high, each bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border, and indispensable for cutting. **10c.**

STOCKS. Cut-and-Come-Again 10-Week Stocks. Splendid perpetual-booming class, sown in March or April they begin flowering in July, continuing till frost, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers. White, Rose, Blood-red, Dark Blue, Creamy Yellow. **10c per pkt.**
Finest Mixed, all colors. **10c per pkt.**
Dresden Perpetual. Pink. **15c pkt.**
Crimson, Blood Red, White, Violet, Dark Blue, Purple, Mixed. **10c per pkt.**

SUNFLOWER. These comprise plants of majestic growth and immense showy flowers, suitable for shrubberies, woodlands, wild gardens and sub-tropical gardening; the dwarf kinds, with smaller flowers, are charming when grouped in mixed flower borders. Excellent for cutting.
Large Flowered Tall. **10c.**
Californicus Fl. Pl. 10 feet. Double dark yellow. **10c pkt.**
Double Mixed. **10c pkt.**
Russian Mammoth. Single, of gigantic dimensions. 1 oz., **10c.**
Miniature-Flowered Sunflowers—
Double Hybrids. Double and semi-double flowers. **10c pkt.**

SWEET ROCKET (HESPERIS) Old-fashioned garden plant, also known as Dame's Rocket and Dame's Violet; 2 to 3 ft. high with spikes of showy white, lilac and purple fragrant flowers, fine for shrubbery and permanent border. Mixed colors. **10c pkt.**

SWEET SULTAN. See *Centaurea*.

SWEET WILLIAM (DIANTHUS BARBATUS) (LONDON TUFTS). A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants. Pink Beauty, deep pink. **10c pkt.**
Double mixed. **10c pkt.**
Single Mixed. **10c pkt.**

TAGETES (SEE MARIGOLDS AND CALENDULA).

THUNBERGIA (BLACK-EYED SUSAN) Beautiful rapid-growing climber used especially for hanging baskets, low fences, etc., flowers in buff, white, orange, etc., with dark eyes; mixed colors. **10c pkt.**

TORENIA. Fine annual; splendid plant for vases, hanging baskets, borders, etc., blooming the entire season. Blue, white, and yellow. **10c pkt.**

TROPAEOLUM (SEE NASTURTIUM).

FEED FLOWERS ASPIRIN

Cut flowers may be prevented from fading by giving them an aspirin tablet. Norman D. Keefer, pharmacist at Mt. Alto, Pa., says that by this method he preserved flowers for several days beyond the time when they ordinarily would fade and has revived them when wilted.

VERBENAS. Unrivaled as low growing bedding plants. Long season of bloom. Very few plants will make such a gorgeous display during the summer months as the Verbenas, or furnish more flowers for cutting. Start seed in the house or under glass early in the spring, and transplant after three or four inches of growth. Good healthy plants can be produced readily from seed. They flower in July, and continue strong and healthy until after severe frosts.

Scarlet. Brightest scarlet. Quite true. **10c pkt.**

Pure White. Quite true from seed. **10c pkt.**

Blue. Shades of blue and purple. **10c pkt.**

Pink. **10c pkt.**

Mixed Colors. **10c pkt.**

Verbena Hybrida. Extra large flowers, fine mixed colors, choice seed, saved only from the most beautiful named flowers. **10c pkt.**

Lemon Scented. **10c pkt.**

VIOLA (SEE PANSIES).

VINCA (MADAGASCAR PERIWINKLE OR OLD MAID) Ornamental free-blooming plant, fine for bedding, flower from seed the first season, continuing until frost or they may be potted and kept in bloom through the winter, 2 ft. Rose **10c.**, White **10c.**, Mixed **10c.**

WALLFLOWER. Well-known deliciously fragrant half hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

Single Mixed. All colors. **10c pkt.**

Double Finest Mixed. **10c pkt.**

WILD CUCUMBER (SEE ECHINOCYSTIS). **10c pkt.**

WILD GARDEN FLOWER SEEDS. Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting. **10c pkt.**

ZINNIAS (YOUTH AND OLD AGE) One of the most brilliant and showy of annuals. An old and continued favorite. The seed can be sown early and transplanted or sown later in open ground. They come into bloom early in summer, and continue until hard frost.

Double Giants. An improved strain which produces immense flowers. **10c pkt.**

Blood Red, Bright Rose, Canary Yellow, Crimson, Golden Yellow, Blush Pink, Orange, Purple, Rose, Violet, **Each 10c pkt.**

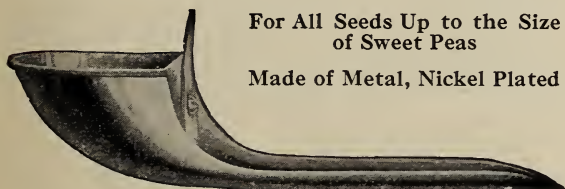
Dahlia Flowered. The latest development in Zinnias, bears flowers of mammoth size resembling a decorative Dahlia. Our special strain is grown by the originator of this type. Mixed colors, **15c pkt.**

SOWRITE SEED-SOWER

Sows Seeds at a Touch

For All Seeds Up to the Size
of Sweet Peas

Made of Metal, Nickel Plated



It is for the finest seeds as well as seeds of larger size, like Pansies, Snapdragon, etc. Amateurs sowing fine seeds like it better. They easily get the knack of handling it when first they try some seeds on a table cloth. This little sower is filling a long felt want among lovers of good gardens and flowers.

The graduating hole controls the outflow of even the finest seeds. Price \$1.50. Order now.

List of Plants, Grown from Seed, Suitable for Special Purposes and Different Situations

The lists below were compiled for your convenience so that you can readily select proper varieties for different purposes or locations. These lists are by no means complete, but merely suggestive. Each variety, throughout the catalog, is clearly described; height,

growing habits and for what purposes they are best suited. Directions **how** to plant are printed on every package of Ebeling Flower Seeds. Your success is our success—we are as much interested as you are in the results obtained from sowing Ebeling Seeds.

Plants Suitable for Pots

Abutilon
Ageratum
Alyssum
Antirrhinum
Asparagus
Blue Daisy
Brachycome
Butterfly Flower
Calceolaria
Calendula
Carnation
Cineraria
Coleus
Cyclamen
Geranium
Gloxinia
Heliotrope
Lantana
Lemon Verbena
Lobelia
Mignonette
Petunia
Phlox
Primula
Stocks
Vinca

Eschscholtzia
Euphorbia, Variegata
Gypsophila
Kochia
Lobelia
Marigold, French
Mignonette
Myosotis
Nasturtium, Dwarf
Nigella
Pansy
Petunia
Phlox Drummondii
Portulaca
Salvia
Stative
Stocks
Sweet William
Verbena
Vinea
Zinnia

Plants Succeeding in Partial Shade

Anchusa, Capensis
Antirrhinum
Aquilegia
Begonia
Butterfly Flower
Campanula
Coreopsis
Daisy, English
Delphinium
Digitalis
Feverfew
Myosotis
Poppy, Hardy
Viola

Long Stemmed Flowers for Cutting

Antirrhinum
Arctotis
Aster
Blue Lace Flower
Calendula
Celosia
Centaurea
Chrysanthemum
Coreopsis
Cosmos
Dahlia
Delphinium
Gaillardia
Gypsophila
Larkspur
Marigold
Mignonette
Pyrethrum
Salpiglossis
Scabiosa
Sunflower
Sweet Peas
Woolflower
Zinnia

Climbing and Trailing Vines

Adlumia
Ampelopsis
Balloon Vine
Canary Bird Flower
Cardinal Climber
Clematis
Cobæa
Cypress Vine
Everlasting Pea
Gourds
Ipomœa
Japanese Hop Vine
Kudzu Vine, Japanese
Morning Glory
Nasturtium, Tall
Smilax
Sweet Peas
Thunbergia

Plants Suitable for Edging or Bordering Walks and Beds

African Gold Daisy
Ageratum
Alyssum
Antirrhinum
Arabis
Brachycome
Calliopsis, Dwarf
Candytuft
Carnation
Centaurea, Gymnocarpa
Coleus
Daisy, English
Dianthus

Drooping Plants Suitable for Vases, Hanging Baskets, Porch Boxes, etc.

Alyssum, Sweet
Asparagus
Centaurea, Gymnocarpa
Lantana
Nasturtium
Oxalis
Petunia
Smilax
Thunbergia

Everlasting or Straw Flowers to Dry for Winter Bouquets

Acroclinium
Everlasting Mixed
Globe Amaranth
Gypsophila
Helichrysum
Ornamental Grasses
Pampas Grass
Statice

List of Hardy Perennial Flower Seeds

Achillea, Ptarmica fl. pl., "The Pearl" (Double White Yarrow). A fine white cut flower, blooms all summer
Aconitum Napellus (Monkshood)
Adlumia Cirrhosa. A nice climber, flesh color
Agrostemma Coronaria Bright crimson
Agrostemma Coronaria Alba. White
Alyssum Saxatile Compactum. Yellow
Ampelopsis Veitchi (Boston Ivy).
Anchusa Italica Drop-more Variety. Dark blue
Anemone Coronaria Mixed colors
St. Brigid. Semi-double, fine
Anthemis Kelwayi, Yellow
Aquilegias
Arabis Alpina. White spring flower
Aster Perennial. Finest Mixed
Baptisia Australis (False Indigo)
Campanulas
Centaurea Montana
Hardy Cornflower, Blue

Coreopsis
Delphiniums
Dianthus
Digitalis
Gaillardias
Geum
Mrs. Bradshaw. Double orange scarlet
Grasses, Ornamental
Gynierium Argenteum (Pampas Grass)
Pennisteam Japonicum (Hardy Fountain Grass)
Stipa Pennata (Feather Grass)
Gypsophilas
Hibiscus
Hollyhocks
Honesty (Lunaria biennis) White
Iberis Gibraltarica Hybrid. Lilac White
Sempervirens. Hardy white candytuft
Lathyrus Latifolius Albus, "White Pearl"
Pink Beauty. Pink and white
Red
Mixed. All colors
Lavandula Vera. True lavender
Linaria Cymbalaria (Kenilworth Ivy)
Linum Perenne. Blue
Lupinus
Lychnis Chalcedonica, Scarlet
Papaver or Poppy
Pentstemon Barbatus
Torreyi. Scarlet
Fine Mixed
Phlox Decussata. Extra choice mixed
Physalis Francheti
Chinese Lantern Plant
Platycodon Grandiflora, Blue
Polyanthus
Finest Mixed
Pueraria Thunbergiana, (Kudzu Vine)
Pyrethrums
Salvia Paten. Sky blue
Statice Latifolia. Purplish blue
Mixed Varieties
Stokesia
Sweet Rocket (Hesperis). Mixed
Sweet William
Veronica Spicata. Bright blue

Ideal Power Lawn Mowers

Real Lawn Builders and Labor Savers

The Ideal "Thirty"

Every lawn, whether it covers a large area, or is only a few hundred feet in size, can be kept attractive at a lower cost.

By applying motive power to mowing, an appreciable saving is made in labor—lawn maintenance, in fact, is more than cut in two—with Ideal Power Mowers.

There are Ideal Mowers for every size and kind of lawn—for large public or private grounds—for the smallest lawns—and all do fast work—improve beauty and reduce costs. **Rolls your Lawn every time it is cut, keeps it in fine condition**

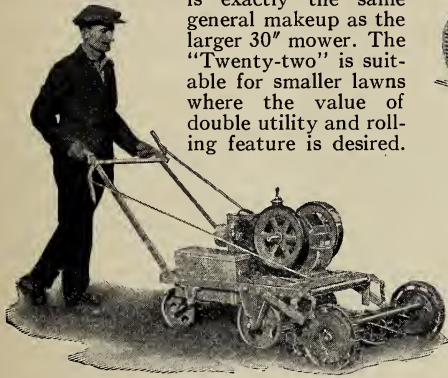
A TWO-PURPOSE mower for large and medium sized lawns. It cuts and rolls at the same time. Cutting units are suspended to provide flexibility for close work over irregular grounds, and are pushed ahead of the mower the same as a hand mower.

The built-in traction roller constantly irons out uneven spots, maintaining a perfectly level lawn.

Cuts a 30-inch swath, mowing from 5 to 7 acres daily.

The Ideal "Twenty-Two"

The "Twenty-two" is exactly the same general makeup as the larger 30" mower. The "Twenty-two" is suitable for smaller lawns where the value of double utility and rolling feature is desired.



Ideal Wheel Type Mower, Two Sizes

Designed for steep grades and heavy duty mowing. The Ideal wheel type mowers are built in two sizes, one having 20-inch cut and one having 25-inch cut.

Two Sizes
"Twenty"
and
"Twenty-Five"



These mowers while well adapted to any grass areas, are particularly well suited for use on lawns having steep grades to negotiate or where the grounds have many walks, trees, shrubs, drives, etc., that require short turning and manipulating in close quarters. Both of these machines are recommended especially for cemetery work. They

are also valuable on the ordinary estate and the small "Twenty" in particular is well suited to moderate home lawns also as an auxiliary mower where larger equipment is used.

WE REFER YOU TO A FEW USERS OF IDEAL MOWERS

D. M. Edwards, Syracuse
Mrs. James Pass, Syracuse
Willard J. Hall, Oswego
Lewis P. Lighton, Syracuse
City Water, Dept., Syracuse

City of Syracuse, Syracuse
Mrs. H. S. Holden, Syracuse
Mrs. L. B. Fitch, Skaneateles
Mrs. F. L. Norton, Cazenovia

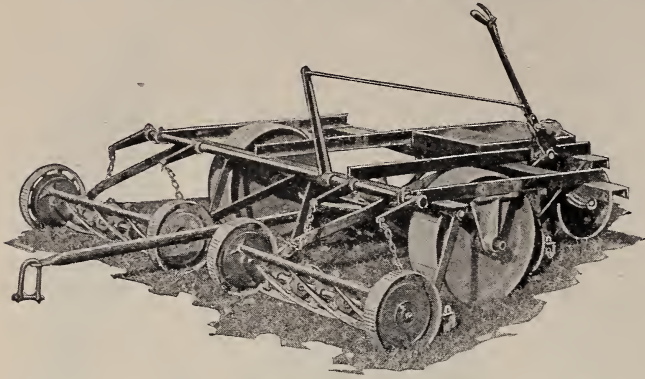
1928 Price List of Ideal Power Mowers

Ideal Power Mower, 20-in. for smaller lawns.....	\$195.00
Ideal Junior Power Mower, roller type, with one cutting mower, 22-in.....	255.00
Extra for one additional 22-in. cutting unit....	50.00
Extra for grass catcher.....	7.50
Ideal Standard 30-in. Mower, roller type, with one cutting mower.....	360.00
Riding Trailer for 30-in. mower.....	20.00
Extra for one additional 30-in. cutting unit....	60.00
Extra for 22-in. putting green unit.....	55.00
Ideal "Twenty-five" (wheel type) 25-in.....	285.00
Ideal Power Putting Green Mower, roller type, complete with one 18-in. cutting green unit and grass catcher.....	270.00
Extra for one additional 18-in. putting green unit.....	45.00
Ideal Power Triplex Mower complete with three cutting mowers.....	1250.00
Extra each for additional cutting units for triplex.....	90.00

Donald Kirk, Camillus
Donald Dey, Syracuse
C. A. Chase, Syracuse
Stephen Breese, Syracuse
Dr. Frank J. Kaufman, Cleve'd
St. John's Military School, Manlius
Solvay Process Co., Solvay
Jas. Heffernan, Syracuse
Tuscarora Golf Club, Syracuse
Rt. Rev. Bishop Curley, Syracuse
C. D. Beebe, Skaneateles
Clarence R. King, Syracuse
S. T. Wood, Liverpool
Frank Smith, Clay
Harold Avery, Syracuse
Mrs. Henry Burden, Cazenovia
R. H. Bendixen, Syracuse
Lyman C. Smith Estate, Syracuse
Mrs. F. W. Sager, Skaneateles
Geo. H. Norris, Syracuse
C. S. Estabrook, Syracuse

Geo. W. Wood, Skaneateles
E. I. Rice, Syracuse
Willard C. Lipe, Syracuse
John Hunter, Fulton
Oswego Public Works, Oswego
H. A. Moody Estate, Pulaski
Camillus Cemetery, Camillus
E. N. Trump, Syracuse
A. M. Chase, Syracuse
Hannibal High School, Hannibal
Warners High School, Warners
Charles Eley, Fayetteville
H. H. S. Handy, Syracuse
John R. Clancy, Syracuse
Robert S. Hamlin, Marcellus
Roy A. Tuttle, King Ferry
Caroline S. Gorton, Sherburne
Charles S. Grunder, Syracuse
Revoir Motors Co., Syracuse
Mt. Adnah Cemetery, Fulton
Dilts Machine Co., Fulton
Rev. Father Mahon, Syracuse

Ideal Bulldog Tractor and Horse Drawn Gang Mower



For mowing large grass areas and golf fairways, large parks, cemetery developments, etc. Ideal Bulldog gang mowers are built in two sizes for use with tractor or in case of the three unit machine, also as horse drawn mower.

The five unit size cuts a swath of 138" and is designed to use with satisfactory tractor and recommended for the 18-hole golf course and similar large grass areas.

The three unit mower cuts a swath of 84" and is provided with tractor hitch or as a horse drawn mower with hills for one horse or pole for team. A splendid outfit for the average 9-hole golf course, park or new cemetery development.

A feature of these Bulldog mowers is their sturdy construction and close

coupled compact cutting units that stand up and give long service in heavy duty mowing.

Price 5-unit mower complete.....\$650.00

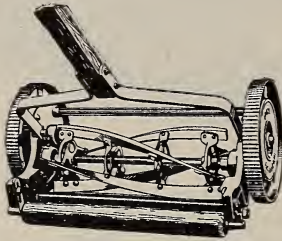
Price 3-unit mower complete..... 400.00

Wolverine Hand Mowers

The Wolverine is a high grade sturdily built hand mower recommended particularly for large lawns, parks and cemeteries, equipped with the high grade bearings, dust proof bushings, special handle clamp, double tie rod frame and very simple yet positive adjustment. Built throughout for long life. Easy running and does splendid work.

Price, 16"....\$22.00

Price, 18"....\$24.00

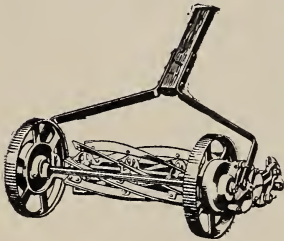


Ideal Greens Mower

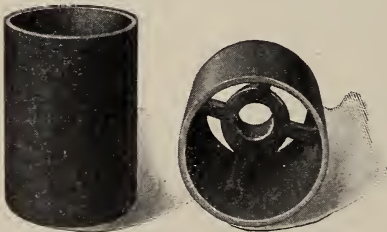
This is a high grade, close cutting, seven blade mower built especially for the very finest putting greens. Pushes easily and does a very close, smooth

job of cutting. High grade construction throughout, steel cut gears, simple adjustment and the very finest bearings that can be purchased.

Price 18" cut..\$35.00 Grass Catcher extra..\$7.50



Cast Iron Hole Rims



An indestructible one-piece all cast rim that remains round and true. 1 1/8" ferrule opening with wide opening for quick drainage. Eliminates the annoyance encountered with the ordinary sheet metal rims.

Price, each \$1.50

Golf Flags and Poles

High grade straight grain basswood flag poles, tapered to 1/2" top, bottom 1 1/8". Metal ferrule top and bottom.

Price each....\$1.50

Golf Flags made from navy double warp wool bunting, muslin numbers.

Furnished in white with red numbers—red with white or black numbers—orange with black or white numbers.

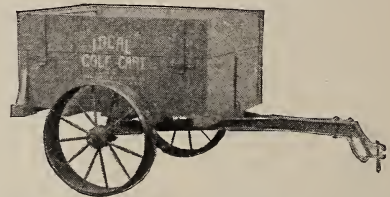
Set numbered 1 to 9...\$ 8.00 (without figures \$5.00)

Set numbered 1 to 18... 15.00 (without figures 9.00)

Direction flags furnished in following colors: Red, white, orange, blue, green, canary, each \$1.00.

Triangle shape direction flags in red, white, orange, blue, green, canary, each 75c.

Ideal Golf Cart



The Ideal Cart is an indispensable tool around the golf course and also a handy implement for the park superintendent or for use around the cemetery, subdivision developments of any place where a quick dumping, big capacity tractor drawn cart is needed.

Its well made hardwood body is mounted on an all steel chassis having wide 10" faced wheels that are 36" high and permit the box dumping at a very sharp angle for unloading.

Cart is supplied with plain bearings or roller bearings as desired.

Specifications

Capacity 30 cubic feet; Box 24 x 44 x 52

Wheels 36" high, 10" crown rim; Weighs 650 pounds

Plain Bearings....\$95.00 Roller Bearings..\$110.00

Easy Lawn Mower

This mower cuts very close to walks, walls and fences. Fine for mounds and terraces. A great labor-saver in cutting and trimming bunkers on Golf Links. Will save the price of the mower in a short time if used on bunker work alone.

10-inch.....\$20.00

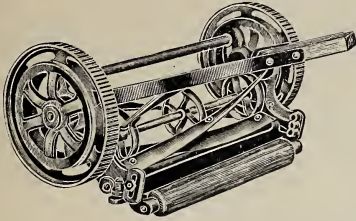
12-inch.....\$23.00

14-inch..... 26.00

16-inch..... 29.00

AUTOMATIC

Automobile Quality Fafnir Ball Bearings



Automatically
Adjusted
Four Draw-
cut Blades.
Skeleton Frame
and Wheels. 10-
Inch Wheels.
Crucible Steel
Drawcut Wiper
Blades. Station-
ary Knife, Auto-

matically Sharpened, Adjusting Screws, Will Not
Loosen, Roller Brackets, Will Not Break.

Lawn Mowers

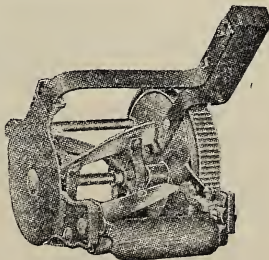
Price List—1928

Special Yankee	
10-inch.....	\$ 6.50
12-inch.....	6.90
Cadet	
12-inch.....	6.90
Drawcut Special	
14-inch.....	10.00
16-inch.....	10.90
Lakewood	
14-inch.....	11.75
16-inch.....	12.75
Automatic	
12-inch.....	13.00
14-inch.....	13.25
16-inch.....	14.50
Great American	
15-inch.....	20.00
17-inch.....	22.00
19-inch.....	24.00
Ideal Wolverine	
16-inch .4 or 5 blade.....	22.00
18-inch .4 or 5 blade.....	24.00
Putting Green (with Grass Catcher)	
18-inch.....	42.50
Hercules (Timken & Hyatt Roller Bearings)	
16-inch.....	28.00
18-inch.....	30.00
"Easy" Lawn Mower	
10-inch.....	20.00
12-inch.....	23.00
14-inch.....	26.00
16-inch.....	29.00
Universal Trimmer	
.....	9.75
Coldwell Trimmer	
8-inch.....	11.50
Grass Catchers "Braum"	
17-inch.....	3.50
19-inch.....	4.50
Grass Catchers	
.....	1.25
Grass Catchers	
.....	1.50

Lawn Trimmer

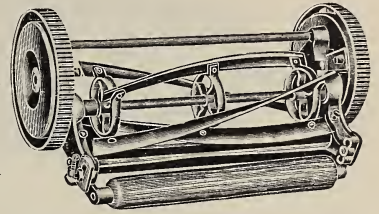
For trimming around
walks, flower beds, trees,
posts, monuments and
shrubby, and all places
that cannot be reached
with any lawn mower.
Cuts within one-fourth
of an inch of the edge.

Has a revolving cutter
with four crucible steel
blades, tempered in oil
and cuts six inches wide.
PRICE \$9.75.

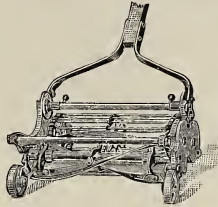


DRAWCUT SPECIAL

High Wheel
Nine-Inch
Wheels, Four
Drawcut Blades,
Self-Adjusting
Ball Bearings,
Dust Proof Oil
Cups.



Easy Lawn Mower



This mower cuts very close
to walks, walls and fences.
Fine for mounds and terraces.
A great labor-saver in cutting
and trimming bunkers on
Golf Links. Will save the
price of the mower in a short
time—if used on bunker work
alone.

10-inch.....	\$20.00	12-inch.....	\$23.00
14-inch.....	26.00	16-inch.....	29.00

Horse Lawn Mowers

Pennsylvania Standard or Regular Style

25-in. Pony, with wooden rear roller (draw bale only).....	4-blade cylinder \$ 60.00
30-in. with draw bale only.....	100.00
30-in. with seats and shafts.....	120.00
38-in. with draw bale only.....	130.00
38-in. with seats and shafts.....	155.00

Water Weight Lawn Rollers

Price List—1928

No. 2 Plain-bearing, size 14 x 24	
Weight empty ..68 lbs.	Weight filled..... 200 lbs.
Price.....	
No. 4 Plain-bearing, size 18 x 24	
Weight empty ..82 lbs.	Weight filled..... 300 lbs.
Price.....	
No. 7 Roller-bearing, size 24 x 24	
Weight empty ..95 lbs.	Weight filled..... 500 lbs.
Price.....	

Every Lawn Mower sold by us will be
guaranteed to do its work in a satisfactory
manner. Use the best of oil and use it
freely.

USE "OUR EVERGREEN LAWN SEED"—See
page 1.

"Little Wonder" Hedge Trimmer

30 inch size \$35.00

The Little Wonder
Hedge Trimmer cuts every
variety of hedge grown,
five to ten times as fast
as by hand.

Will trim a hedge to
any shape and cut wanted,
various attachments and
adjustments being pro-
vided for each type.

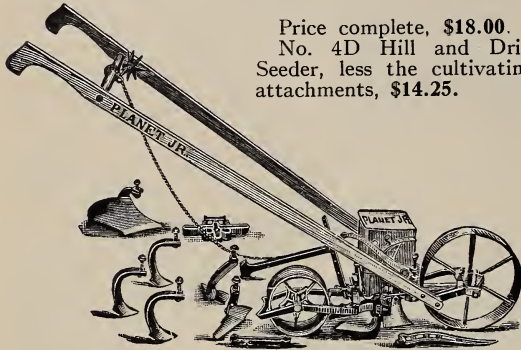
Cuts sides of square or
pivot top hedges 10 feet
high with the operators
standing on the ground.



Prices Subject to Change Without Notice

Planet Jr.

No. 4 PLANET Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow



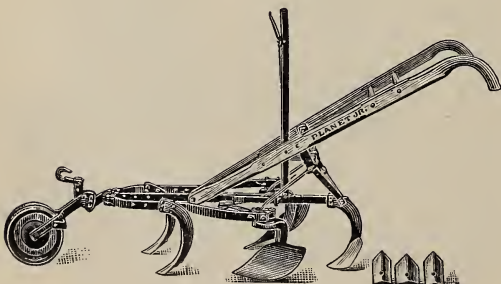
Price complete, \$18.00.
No. 4D Hill and Drill
Seeder, less the cultivating
attachments, \$14.25.

This accurate, durable and easy-running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out the next row all at one passage. No time is lost. No seed wasted. Change from seeder to wheel hoe is made quickly. Makes the care of a garden a pleasure as well as very profitable. Can be used successfully by men, women or growing boys.

No. 18 Planet Jr. Single Wheel Hoe \$5.75

The No. 18 is the No. 17 without the plow and cultivator teeth, which can be added at any time if wanted. The hoes, the most valuable of the wheel hoe attachments, hoe completely all the space between 12 and 14-inch rows in the most perfect manner. They leave the ground level.

Step in and inspect our Planet Jr. tools.

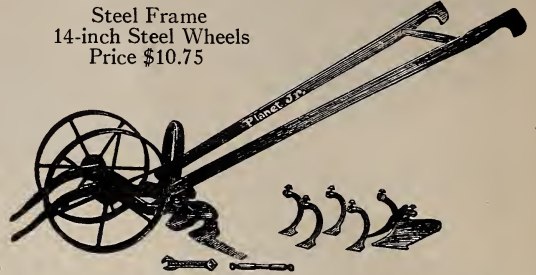


No. 9 Planet Jr. Horse Hoe and Cultivator

Garden Implements

No. 12 Combined Double and Single Wheel Hoe, Cultivator and Plow

Steel Frame
14-inch Steel Wheels
Price \$10.75



A double and single wheel hoe in one, with high arch so that crops can be straddled until 20 inches high—quicker and cleaner work. May then be used between the rows with one or two wheels.

Will do almost any kind of garden work—plowing, harrowing, hoeing, cultivating, opening furrows, covering and hilling, and useful throughout the season.

Tools are of special design and specially hardened, giving elegant satisfaction and long service.

No. 13, with Side Hoes only \$8.00

No. 17 Planet Jr. Single Wheel Hoe

Price \$7.75
Steel Frame and Wheel
No. 17½—Less Plow
Price \$6.75



Single Wheel Hoes are the most popular hand cultivating tools for general work. They have a great variety of attachments which adapt them to almost any kind of garden work. They are generally used between rows, but by mounting the wheel on the other side of the arm, can be used to hoe both sides at once, while plants are small.

Planet Jr. HORSE HOES AND CULTIVATORS

The No. 9 has become popular because of its strength, lightness, easy change of width, and perfection of work, and is a favorite. All steels especially hardened and efficient. The handles are adjustable in height and also sidewise.

The No. 9 Planet Jr. Combined Horse Hoe and Cultivator is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is easy to handle. It cultivates to any reasonable depth, and is adjustable for any useful width. No. 9E same, less the 6-inch hillers and the 7-inch shovel.

No. 9 Price.....\$14.50
No. 9E Price.....13.00

Planet Jr. Seed Drills

The success of your crops depends on good seeding and thorough cultivation. Both these operations a Planet Jr. will do in a fraction of the time required by old methods and with a fraction of the labor. Fifty years of study and experiment have resulted in several types of Planet Jr. Implements which combine in the highest degree effective work, ease of handling and wear-resisting quality.

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow

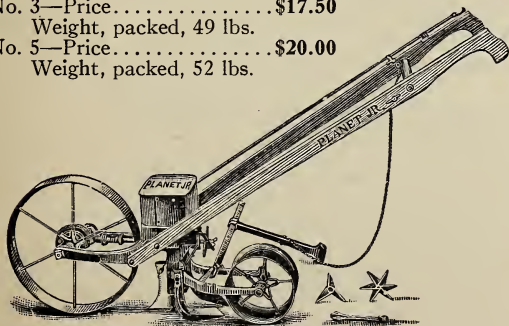
Holds $2\frac{1}{2}$ Quarts of Seed
Price \$21.50



Has the same simple, accurate seeding device as the No. 4, but as a wheel hoe can be used with either one or two wheels. It is especially suitable for the larger family garden where the rows are long enough to warrant the use of a double wheel hoe. Straddles the row in crops like beets, carrots, beans, peas, lettuce, onions, radish, spinach, etc., during the entire season, permitting closer, cleaner work. Tools especially designed and oil-tempered.

No. 3 PLANET Jr. Hill and Drill Seeder

No. 3—Price.....\$17.50
Weight, packed, 49 lbs.
No. 5—Price.....\$20.00
Weight, packed, 52 lbs.



The No. 3 driving wheel is steel, with heavy forged steel spokes, not "piano wire;" of proper height, with broad face, making the tool light and easy running, even with the hopper filled to the brim.

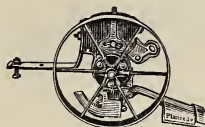
The special force feed is admirable, working equally well whether sowing with an ounce or a full hopper. Holds 3 quarts.

The hill dropping is simple and reliable, making hills 4, 6, 8, 12 or 24 inches apart.

No. 5 Planet Jr. Hill and Drill Seeder

$16\frac{1}{2}$ -inch steel wheel. Sheet steel hopper holding 5 quarts. Built on the same lines as No. 3 Drill, only larger.

No. 35 Planet Jr. Seeder Attachment. Price \$6.50



With handle, \$7.25

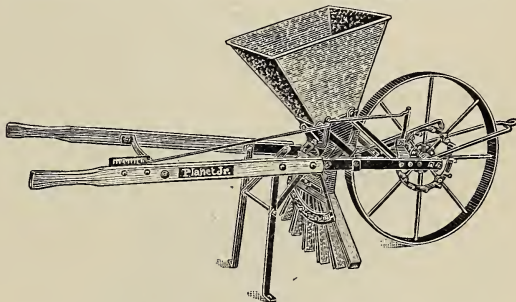
Weight, 16 lbs.;

with handle, 17 lbs.

This seeder can be attached to any Planet Jr. Single or Double Wheel Hoe or Garden Plow except Firefly and No. 19 with a single bolt and will be found particularly suitable for the small kitchen garden. It will plant practically all seeds in a straight, continuous row, at a uniform depth, in a fraction of the time required by hand and infinitely better. Everyone having a wheel hoe should have this attachment. Also furnished with a handle so it can be used as a separate machine. Hopper holds 1 pint.

No. 220 PLANET Jr. Fertilizer Distributor

Saves Time, Money—Produces Bigger Crops



The No. 220 spreads fertilizer from 4 to 30 inches on the ground. The hopper capacity is one bushel and the weight of the load is placed over the wheel, making it easy to push.

The No. 220 will distribute fertilizer in the middles of three rows 12 to 14 inches apart; it will side-dress one side each of two rows up to 36 inches apart. You can use it in very narrow rows—as close as 9 inches. You can use it in 42 to 48-inch rows by closing off the flow in three spouts and distributing through the other three—either on the right or left hand side.

The simplicity, efficiency, and long wearing qualities of the No. 220 will appeal to everyone. No chains, gears, or canvas belts to break, rust, tear or stick.

PRICE \$27.00

THE CYCLONE SEED SOWER

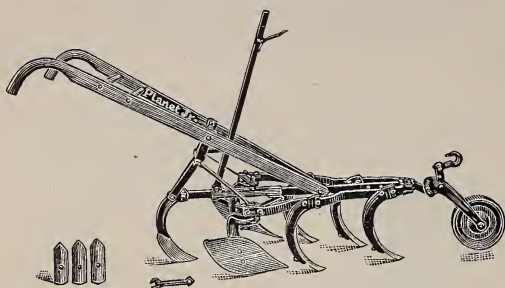
This is the cheapest Crank Seeder on the market, and equal to the best for quality of work it does and durability. Don't pay \$5.00 for a seeder when you can get its equal for less money.

Will sow Wheat, Oats, Rice, Flax, Millet, Turnip Seed, Clover Seed, Grass Seed, including Light grasses; in fact any kind of Seed broadcast. Also Plaster, Fertilizer, Salt, Ashes, etc. Price \$3.50.

They save one-third seed and two-thirds labor.

Planet Jr. HORSE HOES AND CULTIVATORS

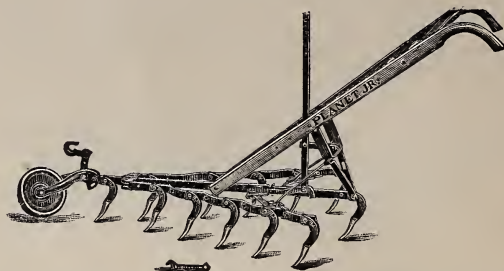
No. 82 Planet Jr. Seven-Tooth Horse Hoe and Cultivator



The No. 82 Planet Jr. Seven-Tooth Horse Hoe is a new machine which, in the opinion of those who ought to know, is the coming One-Horse Hoe and Cultivator. Its reversible side standards can be turned to any angle desired. It insures fine and thorough cultivation because the seven $2\frac{1}{4}$ x 8-inch cultivator steels do better work than the five-tooth machine. The No. 82 will take all the extra attachments shown in the Planet Jr. Catalog, including Sweeps, Furrowers, Turning Shovels, etc., etc. Can be run deep or shallow. **Equipment:** 7, $2\frac{1}{4}$ x 8-inch Cultivator Steels, 1 pair 6-inch Hillers, 1 $7\frac{1}{4}$ Shovel Steel, Lever Expander. No. 32E same, but hillers and shovel steel.

No. 82 Price.....	\$15.75
No. 82E Price.....	14.50

No. 91 Planet Jr. Twelve-Tooth Harrow



A great favorite among vegetable and berry growers. The strawberry grower finds this tool invaluable, as it works so closely and thoroughly, deep or shallow, without throwing earth on the plants. With it he keeps the ground loose and clean, and works up and beds the runners. The round-throated teeth turn them aside without injury, ready to root in the mellowed soil.

Farmers and gardeners use the harrow in deep or close cultivation, or when desiring to work a crop thoroughly, but without hilling.

The foot lever pulverizer is an effective attachment for fine cultivation and for preparing ground for the seed drill or for plant setting. It comes as an extra.

No. 91 Price.....	\$13.75
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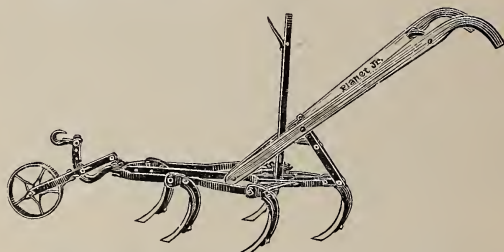
No. 101 Planet Jr. Plain Cultivator

The No. 100 Series Planet Jr. Plain Cultivator is particularly designed to give the best possible results in light, sandy soils. Its light weight in no way detracts from its strength and wearing qualities. The No. 101 has for equipment five 3 x 8-inch cultivator steels and a lever expander. The lever is all steel, has recently been simplified and improved and works very easily.

The No. 101 is simple, strong and easily handled and has so few parts there is little danger of it ever getting out of order.

No. 101D same, less the wheel.

The No. 107 Planet Jr. Seven-Tooth Plain Cultivator same as the No. 101. It has seven standards which carry six $2\frac{1}{4}$ x 8-inch cultivator steels and one 4-inch cultivator steel, and naturally it does finer work than the five-tooth cultivator.



Equipment: 5 3x8-inch Cultivator Steels,
Lever Expander

No. 101 Price.....	\$11.00
No. 101D Price.....	9.25
No. 107 Price.....	12.75

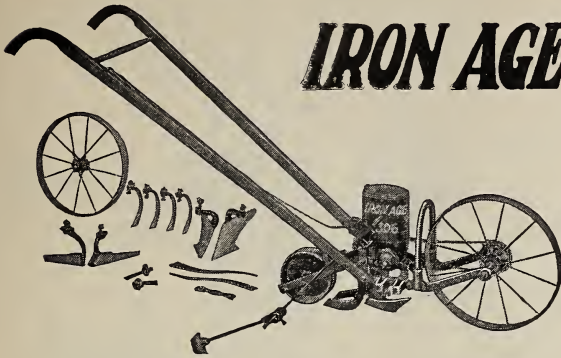
Bargains in Tools and Implements

We offer at an especially low price the following list of tools and implements—every one of which is a genuine bargain and can be seen at our warehouse. Some of these have been somewhat used.

- | | |
|---|---|
| 1 3-horse Gas Engine | 1 Perry Spring Tooth Harrow (Wood Frame) |
| 1 18 H.P. Birdsall Engine in good condition, owned by a poor helpless crippled farmer and all that he owns. Will give suitable terms. | 17 Hamilton Galvanized Coops |
| 1 30-inch Bolens Power Mower. | 1 Steel Disc Smoothing Harrow |
| 1 No. 7 Manns Bone Cutter. | 1 Ford Power Attachment |
| 1 No. 20 McWhorter Fertilizer Sower. (for Man-power). | 1 60-Gallon Gasoline Tank, Galvanized Iron |
| 1 Emerson 2-horse Riding Cultivator. | 1 Webber Fanning Mill, second-hand |
| 1 2-section Steel Land Roller. | 1 Darnell Furrower and Marker, \$22.00. This is a splendid labor saving tool. |
| 1 2-section Wood Land Roller. | 1 No. 3 Hurst Sprayer, \$35.00 |
| 1 Renfrew Portable Weighing Scale on Wheels. \$55.00 | 1 No. 4 Hurst Sprayer, \$40.00 |
| 1 Barrel Spray Pump | 1 Bullard Tedder, 6-fork |
| 1 Hoosier 2-horse Corn Planter (used once) | 300 feet Chain Ladder at a bargain. Last a hundred years. Never wear out. |

Special prices on any of the above. Also, suitable terms if desired.

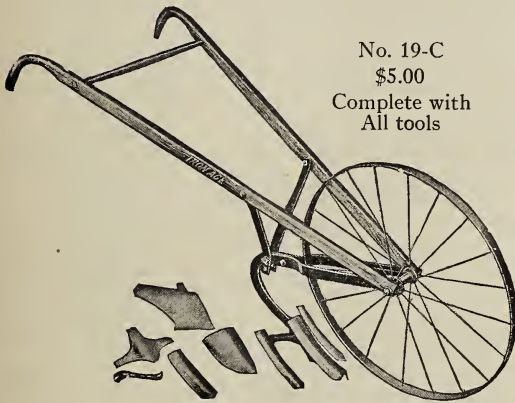
We offer a quantity of Union Lock Fencing, 2 and 3 feet wide, at a bargain.



IRON AGE GARDEN SEED DRILLS AND WHEEL HOES

For the home, farm or market garden; seedmen, florists, poultrymen, etc. There are 38 or more styles and combinations in this line, all described in a booklet, "Modern Gardening," which we would like to send each reader of this catalog.

No. 306, Combined \$19.00



No. 19-C
\$5.00
Complete with
All tools



No 303, With
Side Hoes Only
Price \$8.00

No. 19-C Wheel Cultivator and Plow

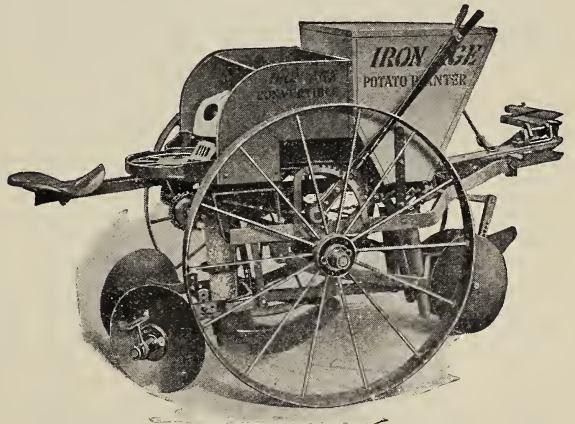
Has extra high steel wheel—24 inches—which some seem to prefer. The frame is an all-steel arch in three parts—compact, light, durable. The working tools are attached in position and are adjustable. The plow is noted for turning a fine good furrow.

The cultivating tools include Landside Plow, Scuffle Hoe, two separate Cultivator Teeth, Set of Cultivator Teeth on bracket.

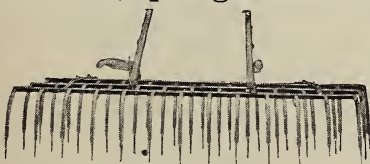
IRON AGE POTATO PLANTER

Plants one seed piece in every space and one only. Makes a perfect stand possible and saves at least one bushel of seed per acre. Straight rows, even depth and uniform spacing. Can plant 9 to 24 inches apart. Furnished with or without fertilizer distributor, regular or large size. Also, with seed box extension if wanted. Steel seed box. Steel frame. Choice of four styles of opening plows. The boy on the back seat pays, for it costs no more to prepare ground, cultivate, fertilize and spray a perfect stand, and every hill missed decreases your yield.

No. 404-R, \$150.00



Round-Point, Spring-Tooth Weeder



For Early Cultivation
For Shallow Cultivation
For Perfect Cultivation

This weeder has thirty-nine round-point spring teeth, arranged in three lines and securely fastened to angle steel bars. It is 7½ feet wide and gives perfect results in operation. Handles and thills are adjustable for height.

This tool is worked on the row and between the plants. Does not hurt young plants, such as corn and potatoes, it can be run in any direction over the field. Takes out the small weeds and forms a dust mulch close up to the plants, insuring strong, healthy, vigorous start.

39 teeth.....Price \$17.00

AUTO-SPRAY No. 9

Capacity About 3½ Gallons



This is the strongest and simplest compressed air sprayer on the market.

Brown Compressed Air Sprayers

Auto-Spray No. 1

Auto-Spray No. 1A—Brass tank with Stop-Cock and 2 foot brass extension . . . \$9.25

Auto-Spray No. 1B—Brass tank with Auto-Pop and 2 foot brass extension . . . 9.75

Auto-Spray No. 1C—Galvanized tank with Stop-Cock and 2 foot galvanized extension . . . 6.25

Auto-Spray No. 1D—Galvanized tank with Auto-Pop and 2 foot galvanized extension . . . 6.75

Auto-Spray No. 9

Auto-Spray No. 9B—Brass tank with Auto-Pop and 2 foot brass extension . . . 9.75

Auto-Spray No. 9D—Galvanized tank with Auto-Pop and 2 foot Galvanized extension . . . 6.75

Auto-Spray No. 100

Auto-Spray No. 100B—Brass tank with Auto-Pop and 2 foot brass extension . . . 11.00

Auto-Spray No. 100D—Galvanized tank with Auto-Pop and 2 foot galvanized extension . . . 7.25

Victory No. 201-D

Victory No. 201D—Galvanized tank with Auto-Pop . . . 5.85

Auto-Spray No. 50

Auto-Spray No. 50B—Brass tank with Auto-Pop and 18 inch brass extension . . . 8.35

Auto-Spray No. 50D—Galvanized tank with Auto-Pop and 18 inch galvanized extension . . . 5.90

Extra Equipment

Extension Pipe—2 foot length, solid brass, each50

Elbow extension-Solid brass35

Strainer-Solid Brass1.20

Strainer-Galvanized70

Two-Row Attachment—Solid brass, 1 nozzle . . . 1.50

Stop-Cock—Brass50

Auto-Pop Nozzle60

Auto-Pop including nozzle1.50

Auto-Pop with hose and fittings (Specify for No. 1, 9, 50, 100 or Victory) . . . 2.00

Set Soft parts (Specify if for No. 1, 9, 100, 50 or Victory)25

Torch1.20

Bamboo Extensions

Bamboo, brass-lined, with stop cock, 8 foot 3.50

Bamboo, brass-lined extension with stop-cock, 9 foot3.70

Bamboo, brass-lined extension with stop-cock 10 foot3.90

Bamboo, brass-lined extension with stop-cock 12 foot4.30

Bamboo, brass-lined extension with stop-cock 20 foot6.00

Miscellaneous

Nozzles

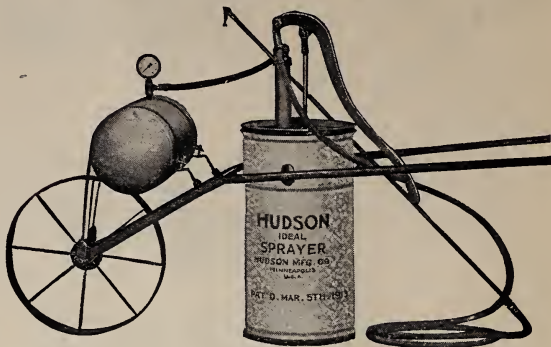
Non-Clog Junior Brass, either straight or 45 degree angle75

One-Point Vermorel75

Auto-Spray Nozzle60

Bordeaux Nozzle60

HUDSON IDEAL SPRAYERS



The Ideal is a high pressure, portable outfit. It is an exceptionally handy outfit for the orchardist or fruit grower, stock barns, cattle pens, poultry houses, etc., and is a practical outfit for whitewash and cold water paints.

Capacity, 15 gallons. Equipment consists of 12½ feet of ½-inch spray hose, an 8-foot iron pipe extension, brass leakless shut-off valve and Ideal angle spray nozzle.

No. 33 Ideal—Complete \$38.50

No. 32 Ideal—Less pressure tank and gauge 27.50

BROWN BARREL PUMPS

Auto-Spray No. 24

Auto-Spray No. 24A—Pump only (no fittings) . . 24.55

Auto-Spray No. 24B—Mounted on top of new barrel (no fittings) 34.45

Auto-Spray No. 24B—Mounted on side of new barrel 36.55

Auto-Spray No. 24D—Pump mounted on new barrel with cart. (no fittings) 52.25

Barrel Cart—With 50 gallons new barrel 25.75

Outfit 240—Pump on barrel with 1 lead 15 foot ½" discharge hose, one 9 foot bamboo brass-lined extension and brass Non Clog Junior Nozzle 42.75

BROWN WHEELBARROW SPRAYERS

Auto-Spray No. 30

Auto-Spray No. 30C—12 gallon brass tank, truck and wheel \$21.35

Auto-Spray No. 30D—12 gallon galvanized tank, truck and wheel 16.00

Auto-Spray No. 3

Auto-Spray No. 3C—Brass tank capacity 12 gallons with truck 20-inch wheel 30.00

Auto-Spray No. 3D—Galvanized tank capacity 12 gallons with truck 20-inch wheel 23.50

Extension Pipe—Iron, 2 foot, 8-inch length50

Auto-Spray No. 3E, 3F and 3G

With Truck and 20-inch Wheel

Auto-Spray No. 3E—12 gallons brass tank and air chamber 39.60

Auto-Spray No. 3F—12 gallons galvanized tank and air chamber 32.50

Auto-Spray No. 3G—15 gallons galvanized tank and air chamber 34.50

Iron Extension, 2 foot 8-inch length50

We carry a fine and complete line of Hardware. Our Pet Department carries everything for Dogs, Cats, Birds, Poultry and Pets. Watch for our special window displays

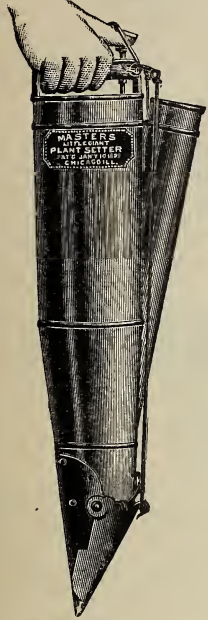
Clark

"CUTAWAY"

Double Action Disc Harrow

Once going over is equal to four times with a Single Disc Harrow. It's a wonder in making a perfect seed bed.

A-4 Double Action Cutaway, 2-horse hitch... \$ 70.00
A-5 Double Action Cutaway, 4-horse hitch.... 85.00
A-6 Double Action Cutaway, 4-horse hitch.... 95.00



Masters Plant Setter

A wonderful labor saving tool for transplanting Cabbage, Tobacco, Tomato, Sweet Potato, Cauliflower, Egg-Plant, Strawberry and all similar plants.

This Setter was originally designed to set cabbage plants, but has since been used with great success for many other plants.

Each plant is SET, WATERED and COVERED in one operation. The roots are firmly set by the absorption of the water almost as if they had grown there and every plant will grow even in the hottest, driest weather. You can set your plants just when you are ready regardless of the weather.

A LABOR SAVER

It is easy, pleasant work. You can set 8,000 to 15,000 plants per day and do perfect work.

Price \$6.50 each.

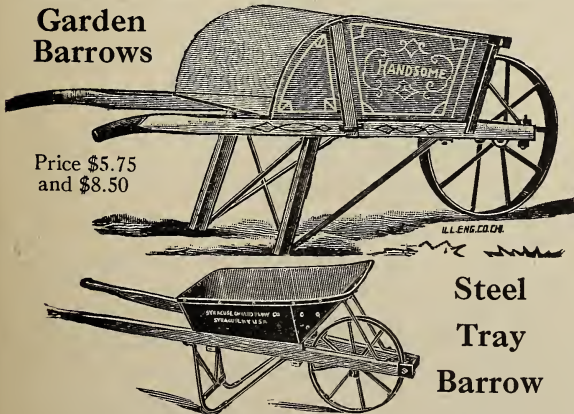
John Deere No. 999 Corn Planter

The Accurate "Natural Drop" Planter

Field tests have proved that the John Deere No. 999 Planter is accurate. Change in drop to 2, 3 or 4 kernels per hill can be made instantly without stopping the team, and drill distances can be varied just as easily. Special plates for a great variety of seeds. Price, \$115.00 complete. Less Fertilizer attachment. \$90.00.

Garden Barrows

Price \$5.75 and \$8.50

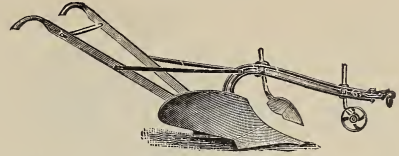


Steel Tray Barrow

The frame work of this barrow is bolted together and is fitted with a steel tray and patent wood wheel with iron hub, specially adapted for stable work. Deep Steel Tray, No. 75-A \$8.50. We also offer The Common Wood or Paddy Barrow, \$5.00 to \$5.75.

Syracuse Chilled Plows

Steel Beam



Syracuse chilled plows are regarded as the highest-grade chilled plows made. They are steady running, easily handled and have superior turning qualities.

No. 53-L Wood Beam 1-horse wheel only..... \$19.00
No. 401 cuts furrow 12 to 15 inches wide, 5 to 8 inches deep. Price..... \$28.00
No. 402 cuts furrow 11 to 13 inches wide, 5 to 7 inches deep. Price..... 27.00
No. 403 cuts furrow 9 to 12 inches wide, 4 to 6 inches deep. Price..... 26.00
Special cash discount on Syracuse Plows.

Munnsville Plows

No. 10 Steel Plow..... \$27.00
No. 5 Steel Plow..... 25.00
No. 2½ Steel 1-horse..... 22.00
No. 2½ Chilled 1-horse..... 20.00

Dutton Steel and Chilled Plows

The Best Low-Priced Plow on the Market

Dutton Iron Beam No. 2..... \$23.00
Dutton Steel Beam No. 2..... 25.00

John Deere Two-Way Sulky Plow

Just the plow you need for work on hillsides as well as on level fields and in stony land. Wide tread prevents tipping. Each bottom is independent of the other, with separate depth adjusting lever and lifting device. Your choice of four types of bottoms. Price, \$100.00.

HARROWS

30-tooth peg, 1-section Harrow..... \$12.00
50-tooth peg, 2-section Harrow..... 23.00
60-tooth peg, 2-section Harrow..... 25.00
15-tooth, spring Tooth Harrow..... 28.00
17-tooth, spring Tooth Harrow..... 30.00
23-tooth, spring Tooth Harrow..... 44.00
25-tooth, spring Tooth Harrow..... 46.00

Less 10% discount for cash on these harrows

John Deere Single Disc Harrows

MODEL "B"—THREE-LEVER

Flexible, with Spring Pressure Lever, Hard Oilers and Scrapers, Without Weight Boxes

No. BY416—8, 16-in. discs, cuts 4 feet, 2-horse evener and pole, each..... \$50.00
No. BY516—10, 16-in. discs, cuts 5 feet, 2-horse evener and pole, each..... 55.00
No. BY616—12, 16-in. discs, cuts 6 feet, 3-horse evener and pole, with set over irons, each..... 62.00

Double Disc Harrows

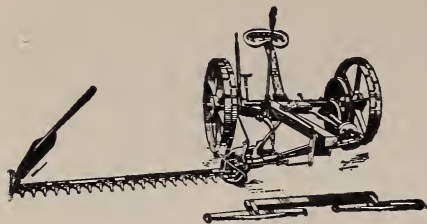
16, 16-in. discs, cuts 4 feet, 4-horse evener..... \$100.00
20, 16-in. discs, cuts 5 feet, 4-horse evener..... 110.00
24, 16-in. discs, cuts 6 feet, 4-horse evener..... 120.00
Less Special Discount for Cash

Onion Set Planter

Backaches and heartaches were once thought necessary evils at planting time, but not any more. With S. & H. One-Row Set Onion Planter one man can plant an acre per day.

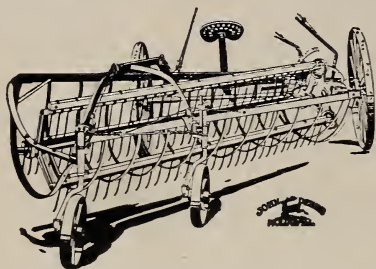
The S. & H. opens furrow, drops the sets, or bulblets, and covers. Plants any size onion sets, any depth and any amount. Plants as even as an onion drill plants onion seed. Plants also, peach and plum pits, lima beans and large seeds. Plants as fast as a man can walk and never injures a set or bulblet. Price, one row, \$68.00; two row, \$125.00; three row, \$185.00.

Emerson Vertical Lift Mower



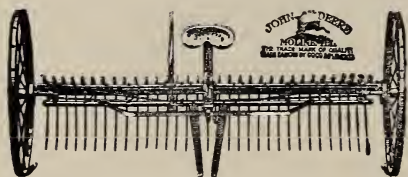
The only successful vertical lift Mower on the market. The main frame is one solid, unyielding piece of iron. This insures perfect meshing of the gears and holds all parts securely in place. The gears are compensated, that is, the side thrust of the bevel wheel is resisted by the pressure on the spur pinion. One counteracts the other, equalizing the wear and strain upon the bearings.

John Deere-Dain System Rake



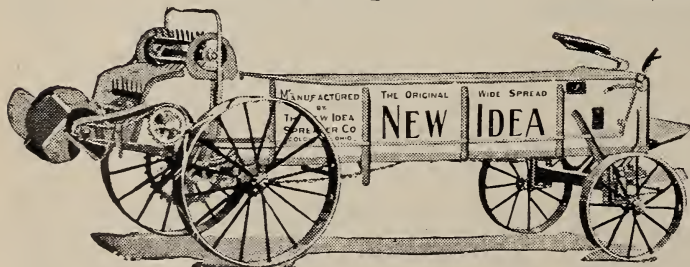
The Rake With the Inclined Frame, Vertical Lift and Convenient Levers

The rake that enables you to make higher price hay by curing it "Nature's Way"—air-curing it. In case of bad weather, windrows can be turned over to prevent damage to the hay. Inclined frame gives additional capacity just where needed; vertical lift—both ends of rake can be adjusted to gather all the way on uneven ground; convenient levers—and adjustments can be made from the seat.



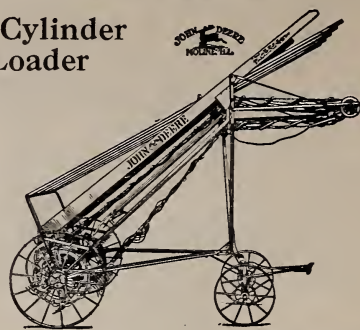
Self Dump Steel Horse Rake, made in 8, 9, 10 and 12 ft., 20 to 40 teeth. Get our prices before buying.

New Idea Spreader



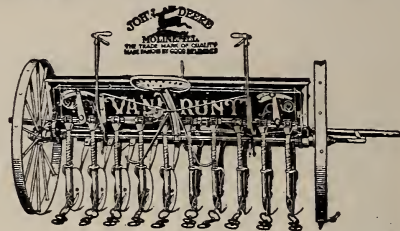
"Good machinery makes a good farmer better"
Special Prices for Cash on All Machinery

Double Cylinder Hay Loader



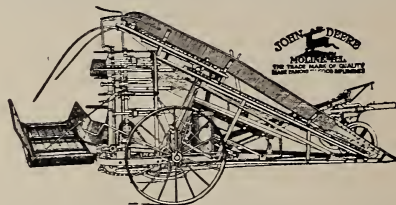
The Double Cylinder Hay Loader successfully handles anything from the lightest swath to the heaviest windrow. The rear or gathering cylinder is far enough back of the frame to get all the hay, but still leave the trash. This cylinder moves slowly, thereby handling the hay without damaging the foliage.

Single and Double Disc Drill



For more than half a century these drills have stood for the best in drill construction and have been the leaders. From the first, all effort has been two-fold—first, to make a perfect seeding machine and second, to construct that machine so as to give long life and constant service. These Drills today fulfill this ideal.

John Deere Corn Binders



Corn Binder with Pole Attachment, 3-horse	
Evener and Power Bundle Carrier.....	\$225.00
Corn Binder with Pole Attachment, 3-horse	
Evener less Power Bundle Carrier.....	215.00
Corn Binder with Tongue Truck, 3-horse	
Evener and Power Bundle Carrier.....	250.00
Corn Binder with Tongue Truck, 3-horse	
Evener, less Power Bundle Carrier.....	230.00

This Wagon Style of Manure Spreader will go through gates, barn doors, stables, etc. Easy to load. Easy to haul. The best, lowest in price, most durable Manure Spreader on the market.

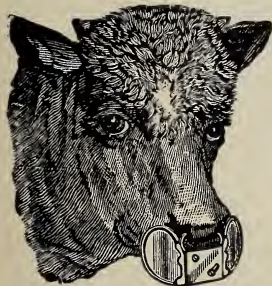
Get our prices before buying.

MILKMEN AND DAIRY SUPPLIES

Milk Caps	Per thousand	\$.60
	5,000 for	2.50
Dairy Scales		\$4.00 to 5.50
Platform Scales		\$25.00 to 50.00

MILKING TUBES, 35c to \$1.50

The Boston Milking Tube	\$.35
Teat Dilators	each .15
Sanitary Milk Pails	\$1.50 to 3.50
Pint Dippers	.75
Quart Dippers	.90
Strainers	\$2.50 to 3.00
Tin Milk Pails, all sizes	.75c to 2.50
Aerators	\$10.00, \$12.00, 15.00
Sap Buckets	.30
Sap Spouts at	.5c each



Rice's Calf Weaner and Sucking Cow Muzzle

For preventing Calves and Cows sucking themselves or each other.

No. 1—For Calves, till 1 year old, 75c.

No. 2—From 1 to 2 years old, 80c.

No. 3—For full grown animals and self-suckers 85c.

Champion Milk Cooler Aerators

AUTOMATIC, SIMPLE, EFFICIENT, DURABLE

2—18 quarts, 10 to 25 cows, 3 milkers	\$ 7.00
3—34 quarts, 25 to 50 cows, 5 milkers	8.50
4—52 quarts, 50 to 100 cows, 8 milkers	11.00

West Bend Watering Systems



West Bend Automatic Detachable Drinking Bucket, each with fastener

West Bend Strainer, each

No. 1 Water Buckets, 9½ x8x7, each with clip

(gravity) 2.55

No. 2 Water Buckets, 18x10x7, each with clip

(gravity) 3.25

Governing Tank with float and cover, each 9.45

West Bend Stanchions for Wood Frames

No. 1 Steel Wood Lined Adjustable Stanchion with plain hangers

\$ 5.50

No. 7 Steel Wood Lined Adjustable Swivel Hanging Stanchion

4.15

No. 7 Stanchion not wood lined

\$3.80

No. 2 Wood Bar Chain Hanging Stanchion

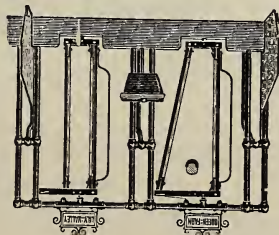
3.30

No. 5 Adjustable Chain Hanging Steel Pipe Bull Stanchion

6.75

Crumb Stanchions—The best made wood stanchion on the market. We have sold them for many years. Each

3.00



Barrel Churns

No. 0—4 gal., churns 2 gal.	\$ 7.00
No. 1—10 gal., churns 5 gal.	8.00
No. 2—15 gal., churns 8 gal.	9.00
No. 3—20 gal., churns 10 gal.	10.00
No. 4—25 gal., churns 12 gal.	13.00



Dash Churns, Butter Workers, Skimmers, Butter Carriers, Ladles, Richardson's Butter Color, Butter Prints, Floating Glass Thermometers, Dairy Thermometers, Cream Gauges, Babcock Butter Tester.

COWS' RELIEF

We offer this wonderful remedy and recommend it strongly

O. H. Cows' Relief, large, per box	\$1.25
O. H. Cows' Relief, small, per box	.60
O. H. Cow Tone, large, per box	1.25
O. H. Cow Tone, small, per box	.60
O. H. Cow Tone, 25-pound box	5.00
O. H. Cow Tone, 50-pound box	8.50
O. H. Calves' Cordial, per box	.60
Sheep Dip	\$1.00 and \$2.00
Louse Chase	Cow Tonic
Scab Chase	Healing Ointment
Lice Powder	Colic Cure
Animal Regulator	Heave Remedy
Louse Killer	Worm Remedy
Hog Tonic	Dip and Disinfectant

United States Cream Separators

No. 29, guaranteed capacity 300 lbs.	\$70.00
No. 28, guaranteed capacity 350 lbs.	80.00
No. 27, guaranteed capacity 500 lbs.	90.00
No. 25, guaranteed capacity 750 lbs.	110.00

Litter, Feed and Milk Can Carriers and Fixtures

Automatic No. 5 Steel Car with raise and lower device, each	\$47.50
Automatic No. 6 Steel Car with raise and lower device, each	49.25
Automatic No. 10 Steel Car with raise and lower device, each	53.25
"Dreadnaught" Steel Car with raise and lower device, each	53.25
Automatic No. 5 Steel Car with adjustable bail, each	33.50

West Bend Concrete Mixers

No. 2 Concrete Mixer on skids	40.00
-------------------------------	-------

Ask for Big Catalog

OUR EXPERT WILL CALL AND MAKE PLANS AND DIAGRAMS OF YOUR STABLE FIXTURES WITHOUT COST.

STOCK LABELS

PUNCHES AND REGISTERS FOR MARKING CATTLE, SHEEP AND HOGS

No. 1½ or Large Cattle Labels	Per thousand	\$28.00
Per dozen	\$.75	
Per hundred	4.00	
Per thousand	35.00	
Spring Punch for above Labels	\$ 1.75	
No. 1¾ or Light Cattle Labels		
Per dozen	\$.60	
Per hundred	3.00	
Spring Punch for above Labels	\$ 1.25	
Bull Nose Punch	1.50	
Bull Nose Rings	35c-1.75	
No. 1 or Sheep and Hog Labels		
Per dozen	\$.40	
Per hundred	2.00	
Spring Punch for above Labels	\$ 1.25	



DANA'S STOCK LABELS

PUNCHES AND REGISTERS
FOR MARKING CATTLE, SHEEP
AND HOGS

No. 1½ or Large Cattle Labels	
Per dozen.....	\$.75
Per hundred.....	4.00
Per thousand.....	35.00
Spring Punch for above Labels.....	1.75
No. 1¾ or Light Cattle Labels	
Per dozen.....	.60
Per hundred.....	3.00
Per thousand.....	28.00
Spring Punch for above Labels.....	1.50
No. 1 or Sheep and Hog Labels	
Per dozen.....	.40
Per hundred.....	2.00
Per thousand.....	18.00
Spring Punch for above Labels.....	1.25
Ewe Register.....	.60
Cattle Register.....	.60
Milk Record Books.....	.50
Breeding Sow Register.....	.25
Bull Nose Punch.....	1.50
Bull Nose Rings.....	35c to 1.75

Acme Pulverizing Harrow and Cultivator

Standard 2-Row Riding Harrow

Lightest Riding Harrow sold anywhere.

Low in price, light in draft, most easily handled.

Cuts, crushes, turns, smooths and levels, all in one operation.

For Two Horses, cuts 6 ft. 6 in.....	\$30.00
For Two Horses, cuts 8 ft. 6 in.....	38.00

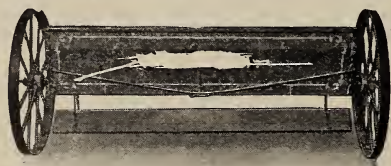
LAND ROLLERS

Steel Roller, 24-inch, two sections.....	\$46.00
24-inch, three sections, steel.....	50.00
Wood Stave Roller, two section.....	50.00

The Improved Three-Row Corn Marker

This cut shows our Steel Wing Marker. It is adjustable to mark any width row and any depth desired.
Three-Row Marker for two horses, \$18.00

Salt, Lime and Fertilizer Broadcasters



This Broadcaster will sow Lime, Salt, Plaster and Ashes; they also handle perfectly all kinds of fertilizers and other soil beneficiaries. All soil can be made more productive either by the application of some form of Lime to neutralize the free acid therein, or by the application of some other alkaline or in some cases an acid element to complete the neutral condition.

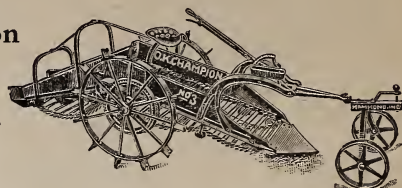
Quantity can be changed instantly by one lever in center of hopper. Price \$45.00 and \$55.00.

Thompson's Lime Spreader For Hand Use

For Calcium, Chloride, fertilizers, etc.... Price, \$48.00

POTATO DIGGER

O. K.
Champion
Two
Horse
Elevator
Potato
Digger



The new No. 8 Digger has a wide throat which is a new departure in digger construction and exclusively used on our machine. It consists of patented, specially constructed side plates which connect with beams that taper downward toward the front, curving outward along the upper edges and along the top flare. This makes the throat opening wider than the body of the machine, allowing the dirt to spread and lose itself more freely when first entering. It also forces the vines and weeds to slide up more easily and overcome the serious trouble of clogging. We have sold nearly 600 of these wonderful Diggers in this vicinity. Price, \$110.00.

Mr. John Alt, Clay, N. Y., R.F.D., bought a No. 1 Yellow Champion Digger in 1908 and it had not cost him a cent for repairs up to the present time. He had used it part of the time with a tractor.

Mr. Roy Woods, Marcellus, N. Y., R.F.D., said he bought one of our No. 1 Yellow Champion Diggers in 1908 and the total cost of operating same from that time on was only \$10.00.

MERIDIAN HAY RACKS

Manufactured of selected lumber and well bolted.
Price 16-foot, \$23.00: 14-foot \$21.50.

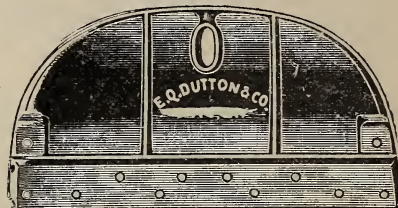
OUR IMPROVED SLIP CASTINGS

Set of Shoes \$4.50

IRON HOG TROUGHS

Made in four sizes, 3, 4, 5 and 6 feet, 8 inches deep, 12 inches wide. Price \$1.50 per foot.

STEEL OR IRON STONE BOAT HEADS



A Simple, Complete and Inexpensive device whereby a Stone Boat can be made in a few minutes by using straight plank. One head will last for years.

Price \$5.50 each.

BANNER ROOT CUTTER

Hand and Power

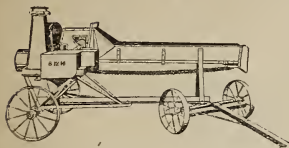
Has a capacity of 30 to 100 bushels per hour. One bushel per minute has been cut as a test, many times.

No. 7—For Poultry.....	\$ 7.00
No. 20—Hand Power.....	16.50
No. 16—Pulley and crank.....	25.00

Hog Rings, Hog Ringer, Hog Tongs

Hog Rings 35 cents Per Box Hog Ringer 50 cents
Hog Tongs 75 cents

Ross Ensilage Cutters and Silo Fillers



Thirty feet of 6 1/4" pipe and set extra knives with each machine.

No. 2 Knives **\$285.00**
No. 3 Knives **300.00**
No. 4 Knives **315.00**

The No. 8-12-16 cutter is three machines in one—taking the place of the No. 40, No. 50 and No. 60 cutters. The capacity of this machine as you will note from the circular, is rated at **8 tons with 2 knives, 12 tons with 3 knives, and 16 tons with 4 knives.** It can be operated with a Fordson tractor or its equivalent. Ask for full particulars.

ABOVE PRICES ARE FOR COMPLETE ENSILAGE CUTTERS

Suitable Credit Terms given on Ensilage Cutters
Special discount for cash

Mastica for Glazing Greenhouses, Sashes

Elastic, adhesive and easily applied. It is not affected by dampness, heat or cold.

The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense.

Broken glass can be easily removed and replaced by new without the breakage of other glass. One gallon will cover about 290 running feet (one side.)

Price of Mastica, 1/4 gal. 75c; 1/2 gal. \$1.45; gal. \$2.75.



Mastica
Glazing
Machine
Price
\$3.50

The Handy Chemical Commode

Protects Health—Improves the Home

The country home and the out-house which have been linked together for centuries are now breaking company.

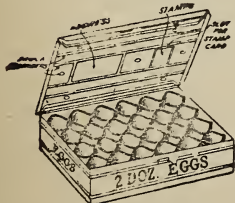
The home which is not yet ready to invest in a permanent toilet system can, for a very small sum, have our Handy Indoor Commode Toilet. Price \$9.50.

1 package chemical, 10 to 15 weeks' supply, complete in crate.



How to Do a Profitable Business

SELL EGGS BY MAIL



Metal Egg Carriers

1 1/2 doz. size.....	\$1.25
2 doz. size.....	1.50
3 doz. size.....	1.75
4 doz. size.....	2.00
6 doz. size.....	2.50
9 doz. size.....	3.25
12 doz. size.....	4.00

Ney Reversible Hay Carriers

For Either Steel or Wood Track

LIGHT AND DURABLE, RUNS EITHER WAY ON THE TRACK WITHOUT CHANGING

Thousands of Ney's No. 5 Carriers have been in continuous service for 35 years or more and are still doing their work perfectly. After 35 years of service the above carrier is greatly in demand by the trade.

Price

Ney Hay Car, steel or wood track.....	\$ 9.00
No. 270 Car, open throat.....	11.00
Double Harpoon Forks.....	2.50
Double Harpoon Alfalfa Fork.....	5.00
Grapple Forks, 4 tine.....	10.00
Steel Track, per foot.....	.24
Pulleys in Wood and Iron, each.....	.50c to 1.75
Track Eyes, dozen.....	2.25
Brackets, dozen.....	.90
Floor Hooks, each.....	.20
Tedder Teeth, each.....	.40
Horse Rake Teeth.....	.40
Rope, best Manila, at lowest prices.	
All Steel Hay Tedder.....	\$60.00 and 70.00
Wood Hay Tedders.....	40.00
Steel Horse Rake.....	\$40.00 to 50.00

We carry Haying Tools of all kinds
Also Teeth for all Rakes and Tedders

Farmer's Favorite Cookers

The Farmers' Favorite is used for a great variety of purposes, such as cooking grain and vegetables for stock and poultry. Heating water for scalding hogs and poultry. Boiling spraying mixture. Heating water on wash day. Heating water for washing dairy utensils. Rendering lard and tallow. Heating drinking water for stock. Syruping down. Boiling cider. Cooking fruit. Sugaring off. Boiling sap.



	Size boiler	Size Fire Box	Price
No. 2—	30 gal. 22x24x13 1/2	24 inches.....	\$17.00
No. 3—	40 gal. 22x30x14	30 inches.....	19.00
No. 4—	50 gal. 22x26x15	36 inches.....	21.00
No. 5—	75 gal. 22x48x17	48 inches.....	25.00
No. 6—	100 gal. 22x60x17	48 inches.....	26.00

A COMBINATION TOOL

7—TOOLS IN ONE—7 Price \$1.75



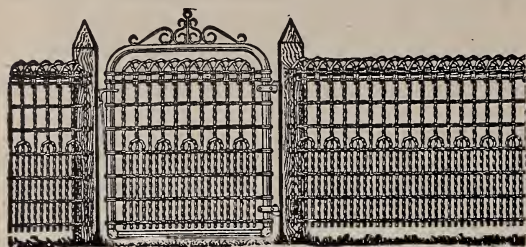
Saves time and wages; saves cutting hand; saves your temper, and it saves chasing cattle. You need one. Write now. It's only \$1.75.

GRINDSTONES

Sterling Grindstone.....	\$11.00
Sampson No. 1 Grindstone ..	9.50
Sampson No. 2 Grindstone ..	9.00
Sampson No. 3 Grindstone...	8.75

SICKLE GRINDERS

Sickle Grinder.....	\$6.50
With foot power.....	8.50
The great time and labor saver. Saves horse power and lengthens the life of machinery.	



**ORNAMENTAL
LAWN FENCE GATES, TRELLIS
FLOWER GUARDS**

Style 600 Fabric

Specifications

Upright or picket wires are No. 9 heavily galvanized, spaced 3 inches apart at top, with an additional No. 9 galvanized picket interwoven so as to give an extra close spacing of 1¾-inch at the bottom.

Cable line wires are No. 12, spaced 6 inches apart except the two top cables, which are spaced 2½ inches apart.											
Height of Fabric.....	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"
Number of cables.....	5	6	7	8	9	10	11	12	13	14	15
Price per lineal foot.....	13c	14c	15c	17c	19c	21c	25c	28c	30c	37c	44c

The extra pickets at bottom of fabric engage the lower cables as follows: 24" and 30" three lower cables; 36" and 42" four cables; 48" and 54" five cables; 60" and 66" six cables; 72" and 78" seven cables; 84" eight cables. Put up in 20, 25 and 30-roll rolls.

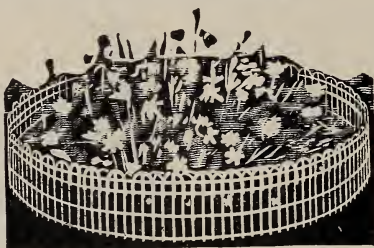
STYLE No. 150—FLOWER BED BORDER

Designed for the protection of flowers. Uprights made of No. 9 heavily galvanized wire. Illustration shows Norwood 22-inch border.

List Price Per Lineal Foot

16-inch	\$.10
22-inch . . . . .	.11
28-inch . . . . .	.13

Put up in 165, 250 and 330 foot rolls.



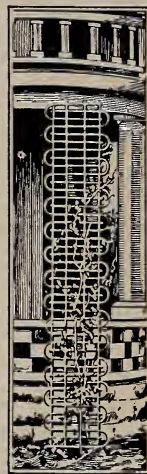
NORWOOD TRELLIS

The two designs of Trellis herein illustrated are made of large, heavily galvanized wire.

Norwood Trellis is but a trifle higher in price than poultry netting, is more ornamental and will last for years.

List Price Per Lineal Foot

No. 107, 18-inches wide.....	\$.07
No. 107, 24 inches wide.....	.09
No. 107, 30 inches wide.....	.11



**GIVE US A CALL AND BE
A SATISFIED CUSTOMER**

“AMERICAN” STOCK AND CATTLE FENCING, POSTS AND GATES

[illegible]

Retail Price List

FENCING		Per Rod
635 Style A—12-inch, No. 11		\$.42
726 Style A— 6-inch, No. 11		.58
832 Style A— 6-inch, No. 11		.65
845 Style A—12-inch, No. 11		.55
949 Style A—12-inch, No. 11		.60
845 Style D—12-inch, No. 9		.76
949 Style D—12-inch, No. 9		.84
1047 Style A— 6-inch, No. 11		.85
1155 Style D—12-inch, No. 9		.97
1948 Style F— 6-inch, No. 14½, P & R		.70
2158 Style F— 6-inch, No. 14½, P & R		.80
1635 Style F— 6-inch, No. 14½, P & R		.60
	Each	
LINE POSTS, 5 feet		.55
LINE POSTS, 6 feet		.60
LINE POSTS, 6½ ft. post		.65
LINE POSTS, 7 feet		.75
LINE POSTS, 8 feet		.90
LINE POSTS, 9 feet		1.20
CORNER POSTS, 8 feet		5.75
END POSTS, 8 feet		4.25
12-ft. American Gates, 50-inch, plain top		9.85
14-ft. American Gates, 50-inch		11.25
3-ft. American Walk Gates, 42-inch, plain top		3.75
4-ft. American Gates, 42-inch, plain top		4.25
Lott Fence Stretcher		9.00

CAN'T-SAG FARM GATE

PRICE—12 ft. \$8.00; 14 ft. Gate, \$8.50; steel metal parts for "Can't Sag Gate," \$4.00

BUCKEYE INCUBATORS

Make Bigger Poultry Profits!



Buckeye "Standard" No. 5
Capacity 600 Eggs

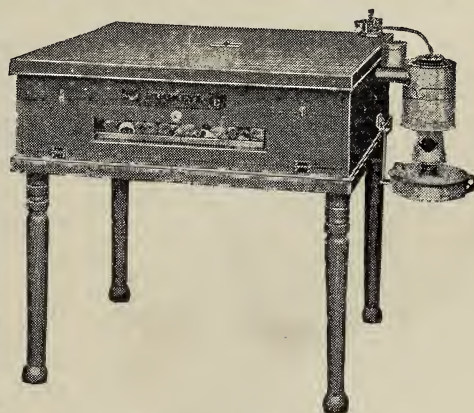
Illustrated at the left is the No. 5 Buckeye "Standard" which has a capacity of 600 eggs. It has **one** compartment, **one** circulating tank, **one** boiler, **one** lamp (either oil or gas), **one** boiler and **one** thermostatic regulator. This remarkable **simplicity** of design and construction makes it possible to control the temperature accurately throughout the whole chamber and to supply all the eggs with an abundance of fresh air and at the same time secure all the natural moisture. There are four egg trays accessible through individual doors on the front and back sides of the incubator. It is just as convenient to handle as the smallest Buckeye Incubator, requires no more attention, and yet has a remarkably large capacity.

Buckeye "Style E" Incubators Are Guaranteed Hatchers

Buckeye "Style E" Incubators meet the popular demand for a **low-priced** incubator that is **reliable, efficient** and **dependable**. They are a little more simply constructed than the Buckeye "Standard" line, and they sell for somewhat less. Yet they contain **every essential feature of Buckeye design**. Nothing is sacrificed that will in the slightest impair their ability to hatch the maximum number of strong, sturdy, lively chicks. They employ the same system of circulating hot water, which assures evenly distributed heat without the loss of any of the natural moisture so essential to proper incubation. Ventilation is automatic, insuring a constant supply of fresh, moist, oxygen-bearing air to every egg throughout every minute of the incubating period. The lamp is extremely economical, smokeless and absolutely fool-proof. The thermostatic regulator is the same as used in the

"Standard" line—the famous Buckeye regulator that is guaranteed to maintain uniform temperature at all times. The Buckeye "Style E" is the ideal incubator for small flocks. It handles small hatches with the same certainty and efficiency as Buckeye "Standard" Incubators. It is low in price—yet it is a real money-making incubator.

Note especially that Buckeye "Style E" Incubators carry the same unlimited guarantee as the "Standard" line. They are guaranteed to hatch every hatchable egg and to do it every time.



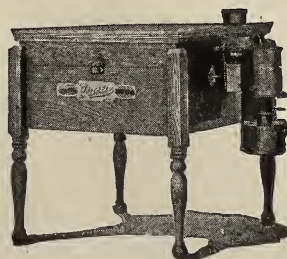
Above: Buckeye "Style E" No. 17

Below: Buckeye "Style E" No. 14



Buckeye Universal Thermometer

For scientific incubation the thermometer bulb must be exactly $1\frac{3}{4}$ in. above the bottom of the egg tray. With many incubator thermometers this is not always the case, as the thermometer is either improperly installed or is so adjusted that its position cannot be easily fixed. With the Buckeye Universal Thermometer the bulb is always in the correct position—it can't be anywhere else. The Buckeye can be used in any incubator. Price \$1.00.



Capacities, Weights and Prices

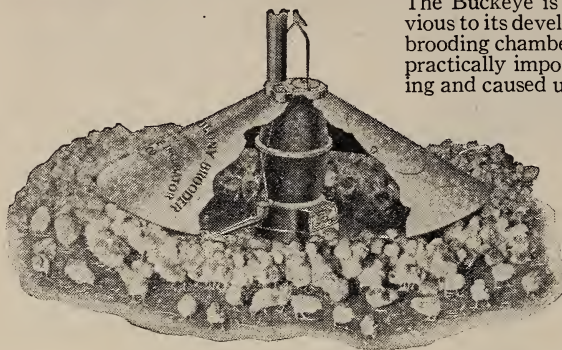
"Standard"		No. 5...600 eggs...325 lbs..\$107.00	
No. 1...	110 eggs...110 lbs..\$37.50	"Style E"	
No. 2...	175 eggs...135 lbs..44.50	No. 14...	65 eggs...55 lbs..\$16.50
No. 3...	250 eggs...200 lbs..57.75	No. 16...	110 eggs...85 lbs..27.50
No. 4...	350 eggs...230 lbs..68.00	No. 17...	210 eggs...125 lbs..36.75

Write for the Big Buckeye Catalog

It is the most valuable poultry book published. Tells how to feed, brood and cull—how to pick best layers—how to secure eggs in winter—how to market for bigger profits. For Buckeye parts write for Buckeye Parts Price Book.

COAL-BURNING COLONY BUCKEYE BROODERS

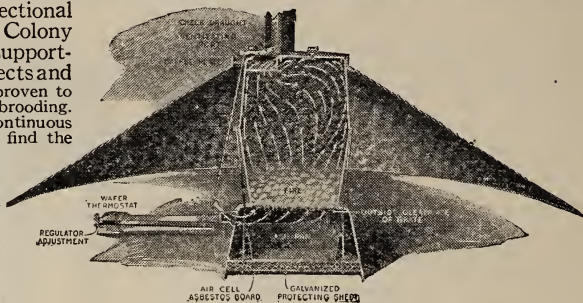
Make Bigger Poultry Profits!



The Buckeye is the original "Colony" Brooder. Previous to its development brooders were built with closed brooding chambers which made temperature regulation practically impossible, resulted in overheating or chilling and caused untold losses due to the development of bowel and lung troubles in young chicks. Raising 50% of the hatch was considered a good result. The Buckeye "Colony" Brooder absolutely eliminates these troubles. It radiates heat from above, allows each chick to select the temperature it finds most comfortable, prevents crowding or chilling and gives the chicks an ample supply of pure, fresh air at all times. It keeps the chicks warm, lively and contented in any weather, prevents sickness, insures rapid growth—raises every raisable chick into a big, strong, money-making bird.

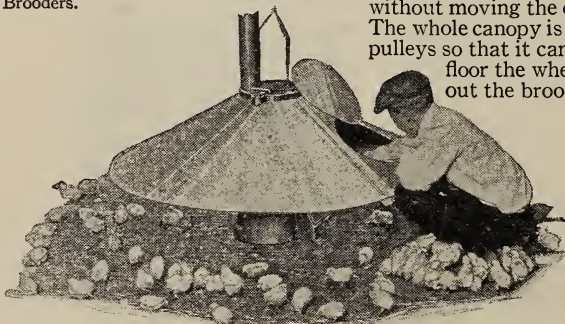
Buckeye "Colony" Brooders Raise Every Raisable Chick

The illustration at the right shows a sectional view of the Buckeye Coal-Burning Colony Brooder. It consists of a coal stove supporting a metal canopy. This canopy reflects and radiates the heat downward, which has proven to be the method necessary for scientific brooding. The canopy is open on all sides, allowing continuous ventilation and permitting each chick to find the temperature in which it is most comfortable. The vital feature of the Buckeye Colony Brooder is the automatic regulator which absolutely assures a continuous fire, without the slightest danger of overheating or going out. Regardless of weather conditions the Buckeye maintains the ideal temperature for brooding at all times. The accurate thermostat regulates the draft and damper of the stove in such a way that the fire burns evenly and steadily, heating all sides of the stove to the same degree and radiating an even heat throughout the space under the canopy. It is this highly accurate and positive control which prevents crowding and chilling among the chicks, and consequently assures not only the raising of the highest possible number, but the normal raising of every individual chick. If you have had experience with other brooders you will be amazed at the way your chicks will thrive and grow when you put them in Buckeye Brooders.



Easy to Operate— Requires Very Little Attention

The Buckeye is easiest of all coal-burning brooders to operate. On account of its steady, even burning it requires fuel and cleaning only twice a day. The fuel is put in at the top of the stove, as illustrated below, without changing the adjustment of the canopy in any way. A movable, circular section in the canopy permits the shaking of the grates without moving the canopy itself, as illustrated at the left. The whole canopy is supported by a cord and pulleys so that it can be easily raised clear of floor the when it is desired to sweep out the brooder pen itself.



Left shows easy method of raking stove and removing ashes. Right shows easy method of coaling.



Capacities, Weights and Prices

No. 117.....	350 chicks.....	65 lbs.....	\$16.50
No. 118.....	500 chicks.....	75 lbs.....	21.50
No. 119.....	1000 chicks.....	95 lbs.....	26.50

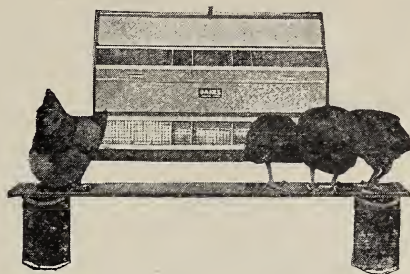
Write for the Big Buckeye Catalog It is the most valuable poultry book published. Tells how to feed, brood and cull—how to pick best layers—how to secure eggs in winter—how to market for bigger profits. For Buckeye parts write for Buckeye Parts Price Book.

Poultry Supplies

We Sell Ful-O-Pep Poultry Feeds

Scratch Grains
Laying Mash
Growing Mash
Chick Feeds
Starting Feeds
Alfalfa Meal
Beef Scraps
Bone Meal
Buttermilk Semi-solid
Charcoal
Grit
Salt Grit
Oyster Shell
Shavings, baled
Straw, baled

Bone Cutters
Brooders
Boxes, Grit and Shell
Corn Shellers
Candle, Sulphur for Fumigating
Drinking Founts
Egg Cartons
Eggs, Porcelain Nest
Eggs, Medicated
Food Hoppers
Incubators
Leg Bands
Roofing Paper
Spray Pumps
Thermometers

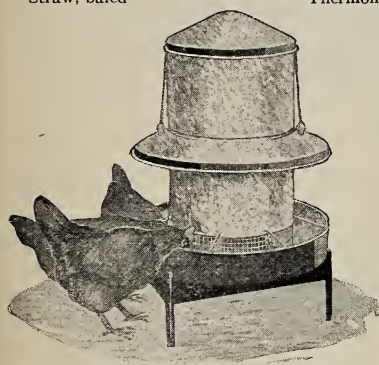


We Carry a full line of Pratts, Conkey's and Lee's Remedies

as listed below

Roup Remedy, 25c, 50c and \$1.00.
Cholera Remedy, 25c and 50c.
Gape Remedy, 30c.
White Diarrhoea Remedy, 25c, 50c and \$1.00.
Canker and Bronchitis Remedy, 50c.
Head Lice Ointment, 25c and 50c.
Condition Tablets, 35c.

Bronchitis Remedy, 25c and 50c.
Scaly Leg Remedy, 35c.
Worm Remedy, 25c and 50c.
Poultry Tonic, 25c, 50c and \$1.10.
Lice Powder, 25c and 50c.
Poultry Disinfectant, 55c, 95c and \$1.60.
Red Mite Spray, 55c.
RAT-NIP. Kills rodents, odorless. 35c.



B-K GERM KILLER DISINFECTANT

Germ Killer. Deodorant. Sterilizer for drinking water. Kills germs of Roup, White Diarrhoea and other diseases. Absolutely non-poisonous and safe. Recommended by college officials. Prices 40c, 75c and \$1.25.

SEMI-SOLID BUTTERMILK

Semi-Solid Buttermilk is pure, pasteurized buttermilk with nothing added, but with enough water evaporated so as to produce a smooth paste including the much desired vitamins. It will keep indefinitely.

Makes more and better eggs. Makes healthy, robust hens and healthy chicks, which make fine egg producers. Calves, pigs and hogs thrive on it. A wonderful egg, flesh and money maker. Ask for a free booklet.

	Straight Buttermilk		With Cod Liver Oil
Full Bbls., averaging 460 lbs. at	\$5.25	per 100 lb.	\$6.00
½ Bbls., averaging 260 lbs. at	6.00	per 100 lb.	6.75
Kegs, averaging 140 lbs. at	7.00	per 100 lb.	7.75
Drum 50 lb. at	4.25		5.00
Pkg., 8 lb. at	.90		1.00

Cello Glass—This wonderful invention has brought comfort and profit to the Poultrymen. It's one of the very happy thoughts, coming at a period when poultry raising demanded something like this.

If poultry could only talk—I am sure they would shower blessings upon the inventor. The demand for this wonderful Wire Fence Glass is unlimited.

It creates heat, light and is essential to successful egg and poultry production in the East.

Also, fine for protecting windows, sleeping porches, sun-parlors, etc.

Price per square ft., 15c; In full roll of 100 ft. at 13c.

PIGEON AND DOVE SUPPLIES

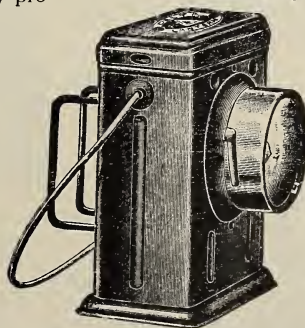
Canada Peas, Yellow Corn, Choice Wheat, Millet, Kaffir Corn, Hemp.

Our Pigeon Mixture No. 1 is one of the finest obtainable. Only the very choicest and cleanest ingredients are used. Ideal for either exhibition or squab breeders. Price per 100 lbs., \$3.75.

Fos-For-Us. The hard, sharp, soluble Grit—containing Lime and Phosphorus—meets the need for a hard, sharp grit needed in grinding feed, also the lime for producing hard shells and sturdy hens as well as the phosphorus, the source of vitality and important element of meaty eggs. No. 1 size, per 100 lbs., \$1.50; No. 3, chick size, per 100 lbs., \$1.50; Flour for Mashers, per 100 lbs., \$1.75. Fos-For-Us will satisfactorily replace bone meal, oyster shell and ordinary grit.



Fed on Semi-Solid Buttermilk
"Watch 'em grow"

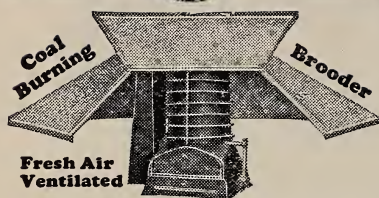


Electric (Searchlight) Lanterns. Something new. This wonderful brilliant light is the greatest forward step of light to use at night ever known. Very penetrating, convenient and practical. No danger of fire as with the old kerosene lantern. Especially fine for fishermen or camping. Price \$3.65.

BROODERS, STEEL NESTS, HOPPERS, FOUNTS

**We Want You
To See This**

Jamesway



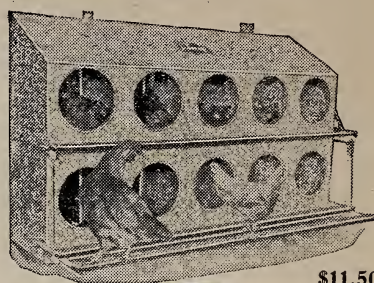
Brooder No. 660A, \$28.50

Coal capacity about 35 pounds. 52-inch hover. Standard rating is 500 to 1000 chicks. It will successfully brood 200 to 500 chicks in a brooder room 8 to 12 feet square.

Brooder No. 652A...\$24.50

Coal capacity about 45 lbs. 60-inch hover. Standard rating of 1000 to 1500 chicks. It will handle 300 to 800 chicks in a brooder room 10 to 18 feet square.

Brooder No. 660A...\$28.50
No. 528-100 lb. Feeder...\$17.45



\$11.50

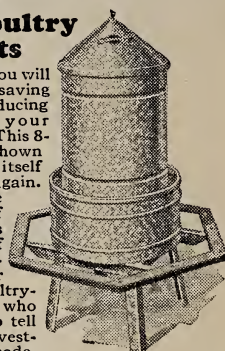
Jamesway
Steel AND Nests

Poultry Waterers

We have supplied a number of poultrymen in this locality with the famous Jamesway Steel Nests and wish you could hear the nice things they say about them—how they have solved their lice and mite problem—how easy they are to keep clean—how their hens show their appreciation of these clean, sanitary nests by laying more eggs.

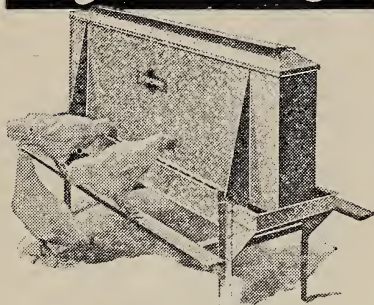
Bigger Poultry Profits

will be yours if you will install this labor saving and profit producing equipment in your poultry house. This 8-gallon waterer shown here will pay for itself over and over again. We would like the privilege of showing you this splendid line of poultry equipment and refer you to other poultrymen hereabout who are using it, who tell us it's the best investment they ever made.



Kerosene Heated, \$8; Electrically Heated, \$9
Stand Extra, \$1.50

**Here's a Feeder
that soon
Pays For Itself**



No. 528—100 Lb. Feeder, \$17.45

Two-Piece Chick Founts



1 qt.\$.30
2 qts.\$.45
3 qts.\$.60
4 qts.\$.75

Oakes Combination Fountain and Heater

The finest for year-round use. Made of best galvanized steel. Lamp burns ordinary kerosene. Operates thirty hours on one filling. Chicks can drink all around the fount.

No. F-38\$4.00
No. F-39\$4.75
F-40\$5.75

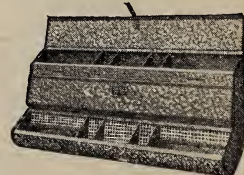


Thermos Fount

Built like a thermos bottle. Keeps water cool in summer—and warm in winter. Fills from the top. Easy to clean. Conical top prevents hens from roosting on it. Heavy wire bail. Made of heavy galvanized iron in three sizes:

No. F-16, 2-gal.\$4.00
No. F-17, 3-gal.\$4.50
No. F-18, 5-gal.\$5.50

Handy Hopper



Fount with Stand

Price half that asked for other hoppers of similar capacity. Furnished with or without metal stand.

F-10—(Without stand)\$7.50
F-11—(With stand)\$8.25
F-510—Special 50-lb. Feeder, with stand\$4.00
F-511—Special 50-lb. Feeder, without stand\$3.50



A splendid hopper made of galvanized steel—spot welded. Hinged lids over both hopper and trough, to keep out rats and litter. Swinging feed grate permits use of any kind of dry mash. Hopper is 15

in. high, 4 1/2 in. wide, and comes in four lengths:
F-12—12 in. long...\$1.75
F-13—18 in. long...\$2.25
F-14—24 in. long...\$2.75
F-15—36 in. long...\$3.90

DOG FOODS



SPRATT'S Dog Foods have been standard throughout the world for over seventy years. They contain only the most nourishing ingredients combined in such a way as to form perfectly balanced rations.

Spratt's new **Challenge Terrier Meal** is a perfect diet for puppies and growing dogs. Try it.

We carry in stock and recommend the following:

	100 Lbs.	50 Lbs.	25 Lbs.	1 Lb.
Spratt's Dog Cakes.....	\$12.00	\$6.25	\$3.25	15c
Spratt's Charcoal Ovals....	14.00	7.25	3.75	16c
Spratt's Fibo (a granulated food).....	14.00	7.25	3.75	17c
Spratt's Ovals (pocket biscuit).....	14.00	7.25	3.75	16c
Spratt's Bulldog and Terrier Meal.....	13.00	6.75	3.50	16c
Spratt's Rodnim.....	13.00	6.75	3.50	16c
Spratt's Cod Liver Oil Cakes.....	12.00	6.25	3.25	16c
Spratt's Challenge Terrier Meal.....	10.00	5.25	2.75	14c

OLD TRUSTY dog foods are used by many of the leading kennels throughout the country. A trial will convince you of the high quality and food value of these products.

	100 Lbs.	50 Lbs.	25 Lbs.	1 Lb.
Old Trusty All Terrier.....	\$10.00	\$5.25	\$2.75	14c
Old Trusty Tid Bits.....	11.00	5.75	3.00	15c

PERFECT CONDITION MEAT is made from clean chopped meat. An economical meat for kennel operators and dog owners. Your meat costs only 5c per lb. when purchased in case lots.

Single Quarts.....	\$.35
3 Cans.....	1.00
Case 24.....	7.50

CERO-MEATO, a kibbled meat and cereal food especially good for active dogs.

100 lbs.....	\$8.00
50 lbs.....	4.25
25 lbs.....	2.25
1 lb.....	.12

PLAIN BROKEN BISCUITS, a nibbled cereal food. Very good to feed with soups, gravies and table scraps.

100 lbs.....	\$7.50
50 lbs.....	4.00
25 lbs.....	2.25
1 lb.....	.10

ROSE MEAT AND BONE MEAT, fine for rearing puppies.

100 lbs.....	\$6.00
50 lbs.....	3.25
25 lbs.....	1.75
1 lb.....	.08

PERFECTION FOOD, a low priced popular food.

100 lbs.....	\$6.00
50 lbs.....	3.00
25 lbs.....	1.75
1 lb.....	.08

KEN-L-RATION is a complete food, requiring no preparation whatever. It is rich in meat, cereal, ground bone and cod liver oil.

1 1-lb. can.....	\$.18
6 1-lb. cans.....	1.00
48 1-lb. cans (1 case).....	6.75

HEMO-RATION is a blood-making food especially recommended for breeding animals of both sexes. For anemic or convalescent animals it is invaluable. We are advised by some prominent veterinarians that Hemo-Ration is a wonder-food in treating cases of rickets and chokes. It carries a large percentage of cod liver oil and is rich in organic iron and calcium phosphate.

1 1-lb. can.....	\$.18
6 1-lb. cans.....	1.00
48 1-lb. cans (1 case).....	6.75

PUP-E-RATION contains red meat, organic iron, calcium phosphate, Norwegian cod liver oil and marrow-fat—the elements necessary for growth of body, bone and coat. This is a perfect food for puppies. The little fellows require a food that is rich in protein and vitamins.

1 1-lb. can.....	\$.20
6 1-lb. cans.....	1.10

FOR YOUR DOG'S SAKE, USE

Ced-o-gen
4 IN ONE SPRAY
REGISTERED TRADE MARK

**INSECTICIDE—KILLS FLEAS—DEODORANT
HEALTHFUL—DISINFECTANT—SAFE TO
USE**

Ced-o Products Corporation

Ced-o-gen is used and recommended by well-known breeders and veterinarians everywhere. Its use improves the lustre and quality of the dogs' coats and keeps the skin healthy and clean. It is also used as a preventative against colds and distemper. Ced-o-gen is a most effective flea killer, and as a deodorant it has no equal. It is easy to apply, safe to use and is a great labor saver. Every dog owner should have a supply of Ced-o-gen on hand. It fills a long-felt want in dogdom.

Try a Can—You will like it
WE CARRY CED-O-GEN IN STOCK
Pts., \$.75; Qts., \$1.25; Gal., \$3.50

PURE CEDAR BEDDING

**For Use with Dogs and Pets—A Preventative of
Disease and Vermin**

Cedar Bedding has been in use among dealers and breeders of dogs and pet stock for years. It is a wholesome, clean and agreeable preventative of disease. Its use is an insurance against all vermin and pests, and animals housed with it are invariably found to thrive. Hay, straw or other natural bedding will harbor or breed injurious insects and furnish a place for disease germs, foul conditions and offensive odors. Cedar is naturally impervious to all disease and proof against infection and will keep kennels clean and sweet. Price, per 25-lb. bale, \$2.25; 50 lbs. \$3.85; 100 lbs. \$6.75.

Q-W Dog Remedies



We have added to the list of remedies sold in the pet department of the F. H. Ebeling store through the high recommendations and persistent demands of local kennel operators.

Thousands of faithful, trusting dogs are killed every year by nasty shoddy drug dope cheaply thrown together by quacks who don't own a single dog. Poisonous messes made not for the dog, but merely for the dollar there is in them.

Your dog is helpless. He has to take whatever you give him. Why betray him with a cheap catch-penny poisonous mess when you can give him a remedy as pure and wholesome as you would like him to give you if he were the master and you the dog? Surely the Golden Rule is broad enough to have just a little application to our faithful canine friend!

Q-W Mange and Flea Soap.—A wonderful sulpho-cresol cleanser, skin healer, vermin killer, for dogs, cats and all other animals. **\$1.00**

Q-W Condition Powder.—Blood purifier, stomach cleanser, digestion corrective, bowel regulator. Puts and keeps dogs in condition. Gives pep, ginger. **\$1.00**

Q-W Mange Cure.—Instantly stops the itch; quickly heals up mange, eczema and other skin eruptions on all domestic animals, grows luxuriant hair. **\$1.00**

Q-W Worm Expeller.—Expels in one hour all intestinal parasites from dogs, cats, foxes, rabbits, etc., including round, hook and seat worms. Quick, sure, safe. **\$1.00**

Q-W Tape Worm Expeller.—Quickly eradicates tape worms, expels head (the important part) as well as segments. **\$1.00**

Q-W Liquid Sulphur Compound.—For bathing dogs with itch, giving sulphur baths, cooling blood in eczema and giving dogs sulphur in their drinking water. **\$1.00**

Q-W Verminol.—Powerful disinfectant, germ and vermin killer, dog dip. Kills fleas, lice, mites instantly. **Pt., \$1.25**

Q-W Phosphated Cod Liver Oil Compound with Lime.—Quickest food builder for wasting diseases, distemper, run-down condition, rickets, etc. Marvellous bone grower for pups. Indispensable in kennel. **Pt., \$1.25**

Q-W Tonic and Red Blood Builder.

Quick, sure pick-up tonic for aemic run-down animals or humans. Valuable in distemper. **\$1.00**

Q-W Distemperol.—For the treatment of distemper, carrying animal safely through disease. **\$2.00**

Q-W Black Tongue Mixture.—For prevention and cure of black tongue. **\$2.00**

Q-W Flea Oil and Coat Grower.—For killing all vermin on dogs and other domestic animals without wetting, and keeping off flies, fleas, lice, etc. Instantly applied. Simply rub into coat. **Pt., \$1.00**

Q-W Constipation Pills.—Quick, safe laxative. No evil after-effects. Splendid for humans, too. **\$1.00**

Q-W Rheumatism Tablets.—For rheumatism, stiff joints, partial paralysis and gout. **\$1.00**

Q-W Liniment.—For sprains, bruises, rheumatic or muscular cramps or pains, kennel stiffness, and partial paralysis. **\$1.25**

Q-W Fit and Sedative Tablets.—For fits, convulsions and nervous dogs. Soothes nerves, kills pain, promotes sleep. **\$1.25**

Q-W Cough Mixture.—For colds, coughs and all bronchial troubles. **\$1.00**

Q-W Diarrhoea and Dysentery Cure.—Stops loose bowels, soothes and heals inflamed intestines. **\$1.25**

Q-W Breeding Tablets.—For stimulating sexual powers in dogs. Makes males serve vigorously, bring backward bitches in season, induce conception. **\$2.00**

Q-W Eye Salve.—For weak, sore, running, mattered, inflamed eyes and lids and for film or abscess on eye. Strengthens weak eyesight. **\$1.00**

Q-W Ear Canker Cure.—For internal sores, abscesses, cankers, etc., of the ear, causing dog to hold head on one side, scratch ear, etc. **\$1.25**

Q-W Flea Powder.—For dry-killing fleas on dogs, especially suited to small dogs and for use in winter. **Per box, \$1.00**

Q-W Healing Salve.—The pride of the Q-W, a wonderful quick healer for all sores, cuts, tears, ulcers, cankers, rashes, blisters, sore footpads, etc. Fine for hunting dogs that get torn up. Good for other animals, too, and for humans. **\$1.00**



DELCREO Dog Remedies

are procurable at Ebeling's. They are the latest and most successful means of combating disease among animals. They never fail when administered in time. Used and recommended by the leading breeders and fanciers.

COMPLETE LIST OF DELCREO DOG REMEDIES

As Carried in the Pet Stock Department of the Ebeling Store

DELCREO for Distemper, Black Tongue, Colds, Pneumonia, Diarrhoea and other diseases of germ origin 4 oz. **\$1.50**; 16 oz. **\$5.00**

Delcreo Tonic and Conditioner 2 oz. **\$.75**

Soluble Sulphur Compound for Canker of the Ear, Eczema, Rheumatism, etc. 4 oz. **\$1.00**

Soluble Sulphur Compound Capsules, a convenient form of Sulphur Compound. Box of 40 capsules. **\$1.00**

Soluble Sulphur Compound Bath for Fleas, Mange, Eczema, etc. An invigorating antiseptic bath liquid. 4 oz. **\$1.00**

Soluble Sulphur Compound Ointment for Mange, Wounds, Cuts, Sores, etc. A soothing and healing antiseptic salve. 1 oz. **\$.50**

Sulfminol for general and chronic constipation 4 oz. **\$.50**

Delcreo Dog Soap for cleansing and stimulating the skin and coat. A pure neutral soap. . 4 oz. cake **\$.25**

Delcreo Roundworm and Hookworm Capsules in three sizes—for Large Breeds, for Small Breeds and for Small Puppies and Small Toys. Box **\$.50**

Delcreo Laxative, especially prepared for use with Delcreo Worm Capsules. 4 oz. **\$.25**

Delcreo Tapeworm Tablets. Box **\$.75**

Ask Today for the Delcreo Kennel Manual Free on Request.

The Cat

Love Your Pets—Keep them Well



A happy family of White Persians

Cats, to be a pleasure to look upon and to fill that friendly feeling in the mind and loving spot in the heart, must be in good health and form. Success with cats, whether for exhibition, breeding or home comfort, depends upon the condition in which they are kept and the care bestowed upon them. Exercise is especially necessary for cats in city homes, and the catnip ball is a desirable aid in this direction. The average life of the cat is from 12 to 15 years.

Whenever a cat becomes ill it seeks dark quarters, loses the appetite, nose becomes hot, coat dry and harsh, sleeps most of the time, and when in pain evinces it by crying. Green grass is a natural remedy for cats when attacked by digestive troubles, and when at liberty, if possible, they will help themselves.

Just a Moment, Please

Include in your purchase for your cat a package of loose catnip, 15c, also a Dr. Daniels' catnip ball, 20c, and a catnip mouse 15c.

CAT FOODS include Spratt's Cat Food with milk, fish or meat, Hemo Ration, Spratt's Fibo and Spratt's Malted Kitten Food, also Kit E Ration, a new balanced ration that every cat seems to like. Try this new food. Trial size 10c, 1-lb can, 18c, 6 cans, \$1.00.

Give these pages more than the "once over." Note the varied and useful helps mentioned, not the least of which is our offer free of Dr. Daniels' useful Cat Book.

If you have any sort of pet we can be of service to you.

KATONIC, a Tonic—Simply works wonders in keeping cat or kitten in condition. Price 25c.

WORMS—Don't let them kill your valuable pet.

Daniels' Worm Drops—Capsules 65c, or Liquid 50c, gets the worms and saves the cat.

Daniels' Tasteless Laxative must be given with either of the above mentioned worm expellers. Two sizes, 35c and 65c.



Bronchial Drops—For treating bronchitis, colds, distemper, influenza, sore throat. Two sizes, 35c and 65c.

H. B. O.—The famous Hairball Remedy for cats and kittens, 65c.

Fleeko—For removing fleas, especially for long-haired pets, 65c.

Diarrhoea Pills—For diarrhoea and dysentery, 65c.

Eye Wash—For weak or watery eyes, 65c.

Scat Powder—A grooming and cleansing powder for the comfort of cats and toy dogs, 25c.

Sulphur Compound Tablets—A cooling remedy in Eczema, Itching Skin, Mangy condition, Skin Eruptions and blood purifying, 50c.

V. M. Capsules—For mother and kitten. Think of V. M. Capsules when you want to build strength and growth. 50c.

An Added Service to Our Customers

WHEEL'S

BOARDING KENNELS



Boarding
Bathing
Manicuring

Clipping
Flea Treatments
Veterinary
Service

LEAVE YOUR PETS at our Kennels where they have plenty of sunshine, exercise, clean, wholesome nourishing food, plenty of fresh water, and kindly care.

For particulars, see Mr. Wheel at Ebeling's Pet Department. After 6 P. M. phone Warren 7061-R.

WHEEL'S BOARDING KENNELS

316 N. Collingwood Ave.

Syracuse, N. Y.

OUR PET DEPARTMENT

Headquarters for

Bird and Animal Foods Remedies Supplies and Accessories of All Kinds

Watch for our very interesting Window Display of Birds, Dogs, Cats and other Pets.

This Department is in charge of Mr. A. B. Wheel, who is an authority on Birds and Pets. Consult him freely on the care of pets in health or sickness.



A Branch of Parrakeets

SINGING CANARIES



*Through storms as well as
sunshine, he bravely sang
the same happy songs*

Canaries that are Guaranteed

We import the best grade of Singing Canaries from Germany. Every bird is sold on a thirty-day trial. If you are not satisfied, the bird may then be exchanged. See the beautiful Parrakeets, Finches, Parrots, White Mice, Waltzing Mice, Gold Fish, Mexican Turtles, and other interesting pets.

Bird Supplies

Ebeling's Special Seed Mixture for Canaries and Cage Birds is unexcelled. It forms a diet that will maintain perfect health and song. Lb., 20c.

Wheel's Seed Tonic and Song Restorer is the result of successful German breeders to produce a natural seed tonic and song restorer free from sugar or any medicinal properties. It adds variety to the diet, builds and strengthens the body, improves the song, and adds brilliancy to the plumage. Use it. 30c.



Ebeling's Special Parrot Mixture for Parrots, Macaws, Cockatoos, Lories and the larger varieties of Parrakeets and Love Birds, is made by our own specialist. It includes a variety of choice re-cleaned seeds and nuts that form a balanced and varied diet. 2 lbs. 25c.

Ebeling's Parrakeet and Love Bird Mixture is especially compounded for the Australian Shell Parrakeets and the small varieties of Love Birds. Lb. 20c.

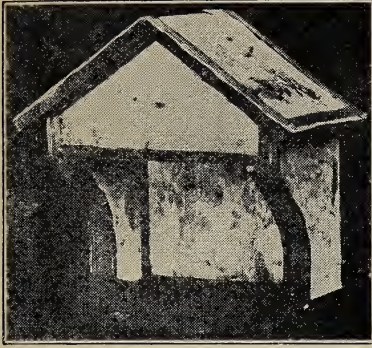
Washed Silver Sand, 2 lbs. 10c; 6 lbs. 25c.

Ebeling's Special Canary Mixture.....	\$20
Plain Canary.....	.20
Hemp..... 1 lb. 15c; 2 lbs.....	.25
Sweet German Rape.....	.20
Sunflower..... lb. 15c. 2 lbs.....	.25
Bird Millet, 1 lb.....	.20
Unhulled Rice, 1 lb.....	.20
Lettuce Seed, 1 oz.....	.05
Bird Peppers, 1 oz.....	.10
Washed Gravel, 2 lbs.....	.10
Chinese Blue Maw, lb.....	.25
Cuttle Bone, large.....	.05

A complete line of bathing dishes, bath houses and treat dishes, etc.

Bird Houses, Bird Baths, Feeding Stations

Also All Kinds of Feeds, Remedies and Accessories Which Attract Birds Sold at Ebeling's



Feeding Stations

remained with us are exposed to the mercy of the elements, and without the food which provides comfort and warmth. A few handfuls of Ebeling's Special Grain Mixture and one of our attractive winter feeding

Everything for Birds can be procured at Ebeling's. Wren Houses, Blue Bird Houses, Robin Shelters, Bird Baths, Feeding Stations, Feeds, Remedies and other accessories.

When Winter Comes the birds that have re-

stations, a few suet cakes with walnut meats, provide warmth and gives the bird lover the satisfaction of paying his bird friends of the summer season.

Birds attracted by such kindness through the winter will remain and make their homes in the spring, and become permanent residents.

Window Display—Watch our window for Attractive Displays of Birds, Cats, Dogs and other pets during the fall and winter.



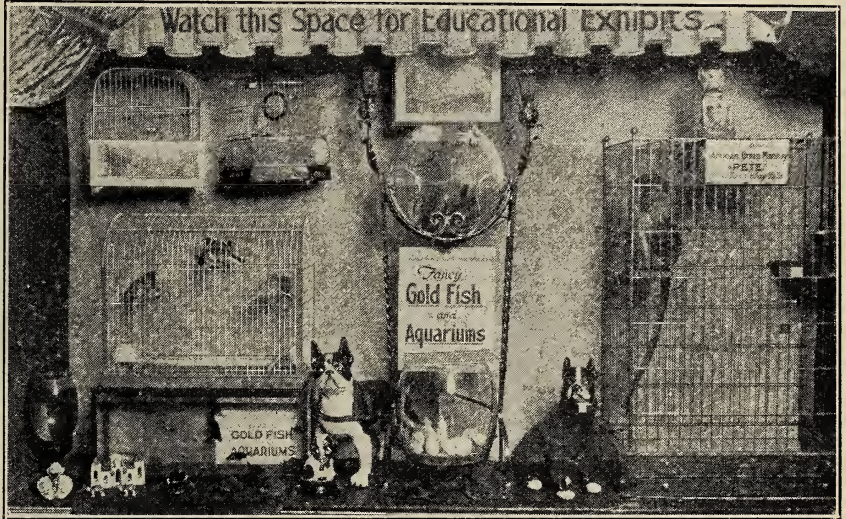
Blue Bird House

EBELING'S PET SHOP

And

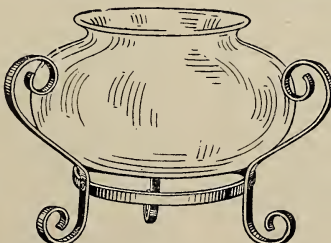
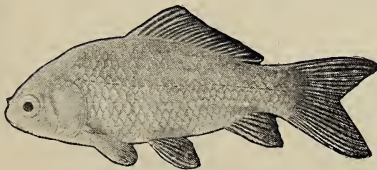
Educational Exhibit

Watch our window displays from week to week. They will be keenly interesting, especially to the kiddies.



Gold Fish, Aquariums, Supplies

Aquariums
Pearl Chips
Dip Nets
Foods
Washed
Sand
Snails
Tadpoles
Novelties
of all kinds
Mermaids
Castles
Tinted
Bowls
Stands
Mexican
Turtles



Hints on the Care of Gold Fish

Do not, when you change the water in your aquarium, make the change in the temperature too radical. Place a container of fresh water in the same room twelve hours before changing. The temperature of the two waters will then be the same. Don't overfeed your fish.



When the fish come to surface to breathe, the oxygen in the water has become exhausted. Then it is time to change the water.

A Book Worth Having—"The Aquaria," by Chas. Page, 25c.



Snails

The Finest Assortment of Aquariums in the City



Standard Earthenware Flower Pots—Paper Pots

Full inside measurement. No charge for packing. Flower Pots and Bulb Pans can not be sent by mail, but only by express or freight, at customer's expense.

Sizes	Each	Doz.	100	Sizes	Each	Doz.	100
1¾ in.	\$.03	\$.25	\$1.25	6 in.	\$.10	\$1.00	\$7.29
2 in.	.03	.25	1.25	7 in.	.17	1.70	12.15
2½ in.	.03	.25	1.35	8 in.	.25	2.50	17.75
3 in.	.03½	.30	1.75	9 in.	.40	3.75	27.00
3½ in.	.04	.35	2.25	10 in.	.50	5.00	36.45
4 in.	.05	.45	2.75	12 in.	1.00	9.90	74.25
5 in.	.07	.70	4.85	14 in.	1.50	16.20	121.50

FLOWER POT SAUCERS

Sizes	Each	Doz.	100	Sizes	Each	Doz.	100
3 in.	\$.03	\$.25	\$1.62	8 in.	\$.10	\$1.00	\$7.43
4 in.	.03	.30	2.03	9 in.	.15	1.35	10.13
5 in.	.04	.35	2.70	10 in.	.18	1.75	12.15
6 in.	.05	.50	4.05	12 in.	.25	2.50	18.23
7 in.	.08	.75	5.40	14 in.	.35	4.00	30.38

ROUND BULB OR LILY PANS

Width	Height	Each	Doz.	100
4 in.	3 in.	\$.05	\$.40	\$2.70
5 in.	3 in.	.07	.70	4.85
6 in.	3½ in.	.10	1.00	7.35
7 in.	4 in.	.17	1.75	12.15
8 in.	4½ in.	.25	2.50	17.55
9 in.	5 in.	.40	4.00	27.00
10 in.	6 in.	.50	5.00	36.50
14 in.	7 in.	1.50	16.00	121.50

NEPONSET WATERPROOF PAPER FLOWER POTS

	Doz.	100	1000
2¼ in. pots.....	\$.11	\$5.00	\$4.40
2½ in. pots.....	.13	.60	5.00
3 in. pots.....	.18	.80	6.70
3½ in. pots.....	.20	1.00	9.00
4 in. pots.....	.25	1.30	18.50
5 in. pots.....	.30	2.00	28.50
6 in. pots.....	.45	2.70	38.25

Florists' Sundries

Thermometers
Tin Foil
Green Moss
Raffia and Reed
Immortelles
Mastica
Plant Labels
Fumigators
Shears
Fine Cutlery
Flower Pot Brackets
Bird Supplies
Bulb Syringes
Glazing Points
Flower Pots
Hyacinth Glasses
Hanging Baskets
Flower Supports
Plant Stands
Trellises
Scissors
Syringes for Plants
Lawn Seed and Fertilizers
Wire Plant Supports

Wire Hanging Baskets

10-inch.....	\$.40 each
12-inch.....	.50 each
15-inch.....	.60 each
18-inch.....	.75 each



CIDER MILLS, WINE and JELLY PRESSES

Come in and look over our complete line of Cider Mills, Wine and Jelly Presses, Best Quality White Oak Kegs, Stone Ware Jugs and Jars in all sizes, Bottle Caps and Cappers, Fermentation Tubes, Syphon Tubing, Sulphur Sticks, Sulphur Candles and Bung in all sizes.

Cereal Wheat, Re-cleaned Rye, Barley, Corn. See the Famous Red Cross and Juicy Fruit Presses at Ebelings

RETAIL PRICE LIST, REED

No. 1.....lb.	\$1.20	½ lb.	\$.70	¼ lb.	\$.40	oz.	\$.10
No. 2.....lb.	1.10	½ lb.	.65	¼ lb.	.40	oz.	.10
No. 3.....lb.	1.00	½ lb.	.60	¼ lb.	.35	oz.	.10
No. 4.....lb.	.90	½ lb.	.55	¼ lb.	.35	oz.	.10
No. 5.....lb.	.80	½ lb.	.50	¼ lb.	.30	oz.	.10
No. 6.....lb.	.70	½ lb.	.45	¼ lb.	.25	oz.	.10
No. 7.....lb.	.60	½ lb.	.40	¼ lb.	.25	oz.	.10
Chaircane, 5 sizes,	\$1.25 to \$1.75 per bunch						
Raffia, Natural.....							oz. .10
Raffia, Colors.....							oz. .15
Rattan.....	lb. \$1.00						oz. .10

Flower Tub, All Sizes

\$1.25	\$1.50	\$1.75	\$2.00	\$2.50	\$3.50
Flower Pots					
Hanging Baskets					
Fern Pans					
Lily Pans					



CROCKS, JUGS AND JARS

CROCKS

1 gal....	\$.23
2 "....	.46
3 "....	.69
4 "....	.92
5 "....	1.15
6 "....	1.38
8 "....	2.00
10 "....	2.50
12 "....	3.00
15 "....	4.00
20 "....	5.40

Covers extra

JUGS

1 gal....	\$.30
2 "....	.60
3 "....	.90
4 "....	1.20
5 "....	1.50

BUTTER JARS

2 lb....	\$.15
3 "....	.17
5 "....	.20



Galv. Window Boxes
In Various Styles and Sizes

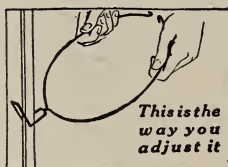
"ADJUSTO" PLANT SUPPORTS

A sturdy, hard-wood stake seven-eighths inch square, 3, 4 or 5 feet long, with a strong wire support instantly adjustable to any height.

Buy "Adjustos" at a garden-supply store or write direct to us.

Saves space because it keeps your plants in the air and sun, and from the ground. Enables you to cultivate close to the plant. "Adjusto" supported tomatoes ripen to perfection. "Adjusto" supports bring out the full beauty of Dahlias, Chrysanthemums and all the slender, tall-growing varieties.

3 foot, 20c
4 foot, 25c



This is the way you adjust it

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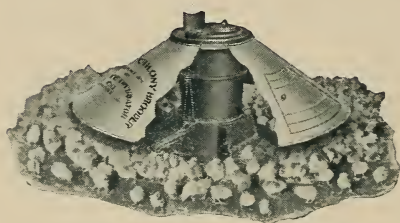
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